

# Multilayer Ceramic Capacitors for General Electronic Equipment for Consumer

Multilayer Ceramic Capacitors - High Dielectric Type

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASP063EB5475MFNA01	0.6x0.3	0.55	2.5	X5R	4.7 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASA063EB5475MFNA01	0.6x0.3	0.55	4	X5R	4.7 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASA063BB5225MFNB46	0.6x0.3	0.39	4	X5R	2.2 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASA063BB5225MFNC14	0.6x0.3	0.39	4	X5R	2.2 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063AB5105KFNA01	0.6x0.3	0.35	6.3	X5R	1 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063AB5105MFNA01	0.6x0.3	0.35	6.3	X5R	1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5474KFNA01	0.6x0.3	0.33	6.3	X5R	0.47 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5474MFNA01	0.6x0.3	0.33	6.3	X5R	0.47 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5334MFNA01	0.6x0.3	0.33	6.3	X5R	0.33 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5224KFNA01	0.6x0.3	0.33	6.3	X5R	0.22 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5224MFNA01	0.6x0.3	0.33	6.3	X5R	0.22 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5104KFNA01	0.6x0.3	0.33	6.3	X5R/B	0.1 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASJ063SB5104MFNA01	0.6x0.3	0.33	6.3	X5R/B	0.1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063BB5105MFNB36	0.6x0.3	0.39	10	X5R	1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063BB5105MFNB33	0.6x0.3	0.39	10	X5R	1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063BB5474KFNB33	0.6x0.3	0.39	10	X5R	0.47 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063BB5474MFNB33	0.6x0.3	0.39	10	X5R	0.47 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5224KFNA01	0.6x0.3	0.33	10	X5R	0.22 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5224MFNA01	0.6x0.3	0.33	10	X5R	0.22 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5104KFNA01	0.6x0.3	0.33	10	X5R/B	0.1 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5104MFNA01	0.6x0.3	0.33	10	X5R/B	0.1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5683KFNA01	0.6x0.3	0.33	10	X5R	0.068 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5683MFNA01	0.6x0.3	0.33	10	X5R	0.068 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5473KFNA01	0.6x0.3	0.33	10	X5R	0.047 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5473MFNA01	0.6x0.3	0.33	10	X5R	0.047 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5333KFNA01	0.6x0.3	0.33	10	X5R	0.033 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5333MFNA01	0.6x0.3	0.33	10	X5R	0.033 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5223KFNA01	0.6x0.3	0.33	10	X5R/B	0.022 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASL063SB5223MFNA01	0.6x0.3	0.33	10	X5R/B	0.022 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063BB5474KFNB33	0.6x0.3	0.39	16	X5R	0.47 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063BB5474MFNB33	0.6x0.3	0.39	16	X5R	0.47 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5224KFNA01	0.6x0.3	0.33	16	X5R	0.22 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5224MFNA01	0.6x0.3	0.33	16	X5R	0.22 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5104KFNA01	0.6x0.3	0.33	16	X5R	0.1 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5104MFNA01	0.6x0.3	0.33	16	X5R	0.1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5683KFNA01	0.6x0.3	0.33	16	X5R	0.068 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5683MFNA01	0.6x0.3	0.33	16	X5R	0.068 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5473KFNA01	0.6x0.3	0.33	16	X5R	0.047 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5473MFNA01	0.6x0.3	0.33	16	X5R	0.047 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5333KFNA01	0.6x0.3	0.33	16	X5R	0.033 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5333MFNA01	0.6x0.3	0.33	16	X5R	0.033 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5223KFNA01	0.6x0.3	0.33	16	X5R/B	0.022 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5223MFNA01	0.6x0.3	0.33	16	X5R/B	0.022 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5153KFNA01	0.6x0.3	0.33	16	X5R/B	0.015 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5153MFNA01	0.6x0.3	0.33	16	X5R/B	0.015 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5103KFNA01	0.6x0.3	0.33	16	X5R/B	0.01 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5103MFNA01	0.6x0.3	0.33	16	X5R/B	0.01 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5682KFNA01	0.6x0.3	0.33	16	X5R/B	6800 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5682MFNA01	0.6x0.3	0.33	16	X5R/B	6800 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5472KFNA01	0.6x0.3	0.33	16	X5R/B	4700 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5472MFNA01	0.6x0.3	0.33	16	X5R/B	4700 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5332KFNA01	0.6x0.3	0.33	16	X5R/B	3300 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5332MFNA01	0.6x0.3	0.33	16	X5R/B	3300 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5222KFNA01	0.6x0.3	0.33	16	X5R/B	2200 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5222MFNA01	0.6x0.3	0.33	16	X5R/B	2200 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5152KFNA01	0.6x0.3	0.33	16	X5R/B	1500 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSASE063SB5152MFNA01	0.6x0.3	0.33	16	X5R/B	1500 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063AB5104KFNA01	0.6x0.3	0.35	25	X5R	0.1 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063AB5104MFNA01	0.6x0.3	0.35	25	X5R	0.1 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5223KFNA01	0.6x0.3	0.33	25	X5R/B	0.022 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5223MFNA01	0.6x0.3	0.33	25	X5R/B	0.022 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5103KFNA01	0.6x0.3	0.33	25	X5R/B	0.01 uF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5103MFNA01	0.6x0.3	0.33	25	X5R/B	0.01 uF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5682KFNA01	0.6x0.3	0.33	25	X5R/B	6800 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5682MFNA01	0.6x0.3	0.33	25	X5R/B	6800 pF	± 20 %	(S)General Equipment(Incl. Mobile Devices)
MSAST063SB5472KFNA01	0.6x0.3	0.33	25	X5R/B	4700 pF	± 10 %	(S)General Equipment(Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Feb. 2025

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST063SB5472MFNA01	0.6x0.3	0.33	25	X5R/B	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5332KFNA01	0.6x0.3	0.33	25	X5R/B	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5332MFNA01	0.6x0.3	0.33	25	X5R/B	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5222KFNA01	0.6x0.3	0.33	25	X5R/B	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5222MFNA01	0.6x0.3	0.33	25	X5R/B	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5152KFNA01	0.6x0.3	0.33	25	X5R/B	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB5152MFNA01	0.6x0.3	0.33	25	X5R/B	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG063SB5104KFNA01	0.6x0.3	0.33	35	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG063SB5104MFNA01	0.6x0.3	0.33	35	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5103KFNA01	0.6x0.3	0.33	50	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5103MFNA01	0.6x0.3	0.33	50	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5682KFNA01	0.6x0.3	0.33	50	X5R/B	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5682MFNA01	0.6x0.3	0.33	50	X5R/B	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5472KFNA01	0.6x0.3	0.33	50	X5R/B	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5472MFNA01	0.6x0.3	0.33	50	X5R/B	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5332KFNA01	0.6x0.3	0.33	50	X5R/B	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5332MFNA01	0.6x0.3	0.33	50	X5R/B	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5222KFNA01	0.6x0.3	0.33	50	X5R/B	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5222MFNA01	0.6x0.3	0.33	50	X5R/B	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5152KFNA01	0.6x0.3	0.33	50	X5R/B	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5152MFNA01	0.6x0.3	0.33	50	X5R/B	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5102KFNA01	0.6x0.3	0.33	50	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5102MFNA01	0.6x0.3	0.33	50	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5681KFNA01	0.6x0.3	0.33	50	X5R/B	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5681MFNA01	0.6x0.3	0.33	50	X5R/B	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5471KFNA01	0.6x0.3	0.33	50	X5R/B	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5471MFNA01	0.6x0.3	0.33	50	X5R/B	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5331KFNA01	0.6x0.3	0.33	50	X5R/B	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5331MFNA01	0.6x0.3	0.33	50	X5R/B	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5221KFNA01	0.6x0.3	0.33	50	X5R/B	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5221MFNA01	0.6x0.3	0.33	50	X5R/B	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5151KFNA01	0.6x0.3	0.33	50	X5R/B	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5151MFNA01	0.6x0.3	0.33	50	X5R/B	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5101KFNA01	0.6x0.3	0.33	50	X5R/B	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB5101MFNA01	0.6x0.3	0.33	50	X5R/B	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP063BC6225MFNB46	0.6x0.3	0.39	2.5	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA065QC6225MANA01	0.6x0.3	0.55	4	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA063AC6105KFNA01	0.6x0.3	0.35	4	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA063AC6105MFNA01	0.6x0.3	0.35	4	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA063SC6474KFNA01	0.6x0.3	0.33	4	X6S	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA063SC6474MFNA01	0.6x0.3	0.33	4	X6S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063BC6105MFNA01	0.6x0.3	0.39	6.3	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063BC6474KFNA01	0.6x0.3	0.39	6.3	X6S	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063BC6474MFNA01	0.6x0.3	0.39	6.3	X6S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063SC6224KFNA01	0.6x0.3	0.33	6.3	X6S	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063SC6224MFNA01	0.6x0.3	0.33	6.3	X6S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063SC6104KFNA01	0.6x0.3	0.33	6.3	X6S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ063SC6104MFNA01	0.6x0.3	0.33	6.3	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063BC6474KFNB33	0.6x0.3	0.39	10	X6S	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063BC6474MFNB33	0.6x0.3	0.39	10	X6S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC6224KFNA01	0.6x0.3	0.33	10	X6S	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC6224MFNA01	0.6x0.3	0.33	10	X6S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC6104KFNA01	0.6x0.3	0.33	10	X6S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC6104MFNA01	0.6x0.3	0.33	10	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063AC6104KFNA01	0.6x0.3	0.35	16	X6S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063AC6104MFNA01	0.6x0.3	0.35	16	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SC6104KFNA01	0.6x0.3	0.33	25	X6S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SC6104MFNA01	0.6x0.3	0.33	25	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC7104KFNB36	0.6x0.3	0.33	10	X7S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC7104MFNB36	0.6x0.3	0.33	10	X7S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC7473KFNB33	0.6x0.3	0.33	10	X7S	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL063SC7473MFNB33	0.6x0.3	0.33	10	X7S	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SC7104KFNB36	0.6x0.3	0.33	16	X7S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SC7104MFNB36	0.6x0.3	0.33	16	X7S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7223KFNA01	0.6x0.3	0.33	16	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7223MFNA01	0.6x0.3	0.33	16	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7103KFNA01	0.6x0.3	0.33	16	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7103MFNA01	0.6x0.3	0.33	16	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7682KFNA01	0.6x0.3	0.33	16	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7682MFNA01	0.6x0.3	0.33	16	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE063SB7472KFNA01	0.6x0.3	0.33	16	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7472MFNA01	0.6x0.3	0.33	16	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7332KFNA01	0.6x0.3	0.33	16	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7332MFNA01	0.6x0.3	0.33	16	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7222KFNA01	0.6x0.3	0.33	16	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7222MFNA01	0.6x0.3	0.33	16	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7152KFNA01	0.6x0.3	0.33	16	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE063SB7152MFNA01	0.6x0.3	0.33	16	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7103KFNA01	0.6x0.3	0.33	25	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7103MFNA01	0.6x0.3	0.33	25	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7682KFNA01	0.6x0.3	0.33	25	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7682MFNA01	0.6x0.3	0.33	25	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7472KFNA01	0.6x0.3	0.33	25	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7472MFNA01	0.6x0.3	0.33	25	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7332KFNA01	0.6x0.3	0.33	25	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7332MFNA01	0.6x0.3	0.33	25	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7222KFNA01	0.6x0.3	0.33	25	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7222MFNA01	0.6x0.3	0.33	25	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7152KFNA01	0.6x0.3	0.33	25	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SB7152MFNA01	0.6x0.3	0.33	25	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7102KFNA01	0.6x0.3	0.33	50	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7102MFNA01	0.6x0.3	0.33	50	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7681KFNA01	0.6x0.3	0.33	50	X7R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7681MFNA01	0.6x0.3	0.33	50	X7R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7471KFNA01	0.6x0.3	0.33	50	X7R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7471MFNA01	0.6x0.3	0.33	50	X7R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7331KFNA01	0.6x0.3	0.33	50	X7R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7331MFNA01	0.6x0.3	0.33	50	X7R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7221KFNA01	0.6x0.3	0.33	50	X7R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7221MFNA01	0.6x0.3	0.33	50	X7R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7151KFNA01	0.6x0.3	0.33	50	X7R	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7151MFNA01	0.6x0.3	0.33	50	X7R	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7101KFNA01	0.6x0.3	0.33	50	X7R	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SB7101MFNA01	0.6x0.3	0.33	50	X7R	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP105CB5226MFNC12	1.0x0.5	0.7	2.5	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA105EB5226MFNA01	1.0x0.5	0.8	4	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA105CB5106MFNC12	1.0x0.5	0.7	4	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105CB5106MFNC12	1.0x0.5	0.7	6.3	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB5475MFNA01	1.0x0.5	0.65	6.3	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB5225KFNA01	1.0x0.5	0.55	6.3	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB5225MFNA01	1.0x0.5	0.55	6.3	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB5105KFNA01	1.0x0.5	0.55	6.3	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB5105MFNA01	1.0x0.5	0.55	6.3	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105BB5475KFNA01	1.0x0.5	0.65	10	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105BB5475MFNB33	1.0x0.5	0.65	10	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB5225KFNA01	1.0x0.5	0.55	10	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB5225MFNA01	1.0x0.5	0.55	10	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB5105KFNA01	1.0x0.5	0.55	10	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB5105MFNA01	1.0x0.5	0.55	10	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105AB5225KFNA01	1.0x0.5	0.6	16	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105AB5225MFNA01	1.0x0.5	0.6	16	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB5105KFNA01	1.0x0.5	0.55	16	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB5105MFNA01	1.0x0.5	0.55	16	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105AB5474KFNA01	1.0x0.5	0.6	16	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105AB5474MFNA01	1.0x0.5	0.6	16	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB5224KFNA01	1.0x0.5	0.55	16	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB5224MFNA01	1.0x0.5	0.55	16	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105CB5225KFNA01	1.0x0.5	0.7	25	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105CB5225MFNA01	1.0x0.5	0.7	25	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5105KFNA01	1.0x0.5	0.55	25	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5105MFNA01	1.0x0.5	0.55	25	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105AB5474KFNA01	1.0x0.5	0.6	25	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105AB5474MFNA01	1.0x0.5	0.6	25	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5224KFNA01	1.0x0.5	0.55	25	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5224MFNA01	1.0x0.5	0.55	25	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5104KFNA01	1.0x0.5	0.55	25	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5104MFNA01	1.0x0.5	0.55	25	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5473KFNA01	1.0x0.5	0.55	25	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5473MFNA01	1.0x0.5	0.55	25	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5333KFNA01	1.0x0.5	0.55	25	X5R/B	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST105SB5333MFNA01	1.0x0.5	0.55	25	X5R/B	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5223KFNA01	1.0x0.5	0.55	25	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5223MFNA01	1.0x0.5	0.55	25	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5153KFNA01	1.0x0.5	0.55	25	X5R/B	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB5153MFNA01	1.0x0.5	0.55	25	X5R/B	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105AB5105KFNA01	1.0x0.5	0.6	35	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105AB5105MFNA01	1.0x0.5	0.6	35	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105SB5104KFNA01	1.0x0.5	0.55	35	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105SB5104MFNA01	1.0x0.5	0.55	35	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105CB5105KFNA01	1.0x0.5	0.7	50	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105CB5105MFNA01	1.0x0.5	0.7	50	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105AB5474KFNA01	1.0x0.5	0.6	50	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105AB5474MFNA01	1.0x0.5	0.6	50	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5224KFNA01	1.0x0.5	0.55	50	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5224MFNA01	1.0x0.5	0.55	50	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5104KFNA01	1.0x0.5	0.55	50	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5104MFNA01	1.0x0.5	0.55	50	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5473KFNA01	1.0x0.5	0.55	50	X5R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5473MFNA01	1.0x0.5	0.55	50	X5R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5223KFNA01	1.0x0.5	0.55	50	X5R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB5223MFNA01	1.0x0.5	0.55	50	X5R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA1L3YB5225MFNA01	1.0x0.5	0.33	4	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L3YB5105KFNA01	1.0x0.5	0.33	6.3	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L3YB5105MFNA01	1.0x0.5	0.33	6.3	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1L3YB5105KFNB33	1.0x0.5	0.33	10	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1L3YB5105MFNB33	1.0x0.5	0.33	10	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE1L3YB5474KFNA01	1.0x0.5	0.33	16	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE1L3YB5474MFNA01	1.0x0.5	0.33	16	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5474KFNA01	1.0x0.5	0.33	25	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5474MFNA01	1.0x0.5	0.33	25	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5224KFNA01	1.0x0.5	0.33	25	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5224MFNA01	1.0x0.5	0.33	25	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5104KFNA01	1.0x0.5	0.33	25	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5104MFNA01	1.0x0.5	0.33	25	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5103KFNA01	1.0x0.5	0.33	25	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST1L3YB5103MFNA01	1.0x0.5	0.33	25	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU1L3YB5104KFNA01	1.0x0.5	0.33	50	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU1L3YB5104MFNA01	1.0x0.5	0.33	50	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L2XB5105MFNA01	1.0x0.5	0.22	6.3	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L2XB5474KFNA01	1.0x0.5	0.22	6.3	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L2XB5474MFNA01	1.0x0.5	0.22	6.3	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L2XB5224KFNA01	1.0x0.5	0.22	6.3	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1L2XB5224MFNA01	1.0x0.5	0.22	6.3	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1L2XB5104KFNA01	1.0x0.5	0.22	10	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1L2XB5104MFNA01	1.0x0.5	0.22	10	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA1LEXB5105MRNA01	1.0x0.5	0.2	4	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1LEXB5474KRNA01	1.0x0.5	0.2	6.3	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1LEXB5474MRNA01	1.0x0.5	0.2	6.3	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1LEXB5224KRNA01	1.0x0.5	0.2	6.3	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1LEXB5224MRNA01	1.0x0.5	0.2	6.3	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1LEXB5104KRNA01	1.0x0.5	0.2	10	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1LEXB5104MRNA01	1.0x0.5	0.2	10	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA1LHXB5474MRNA01	1.0x0.5	0.15	4	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ1LHXB5224MRNA01	1.0x0.5	0.15	6.3	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL1LHXB5104MRNA01	1.0x0.5	0.15	10	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP105EC6226MFNA01	1.0x0.5	0.8	2.5	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA105CC6106MFNC12	1.0x0.5	0.7	4	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA105BC6475MFNA01	1.0x0.5	0.65	4	X6S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105BC6475MFNA01	1.0x0.5	0.65	6.3	X6S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SC6225KFNA01	1.0x0.5	0.55	6.3	X6S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SC6225MFNA01	1.0x0.5	0.55	6.3	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105AC6225KFNA01	1.0x0.5	0.6	10	X6S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105AC6225MFNA01	1.0x0.5	0.6	10	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SC6105KFNA01	1.0x0.5	0.55	10	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SC6105MFNA01	1.0x0.5	0.55	10	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105CC6225KFNA01	1.0x0.5	0.7	16	X6S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105CC6225MFNA01	1.0x0.5	0.7	16	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SC6105KFNA01	1.0x0.5	0.55	16	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SC6105MFNA01	1.0x0.5	0.55	16	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105AC6105KFNA01	1.0x0.5	0.6	25	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST105AC6105MFNA01	1.0x0.5	0.6	25	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105CC6105MFNA01	1.0x0.5	0.7	25	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105CC6105KFNA01	1.0x0.5	0.7	35	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG105CC6105MFNA01	1.0x0.5	0.7	35	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105CD7225KFA01	1.0x0.5	0.7	6.3	X7T	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105CD7225MFA01	1.0x0.5	0.7	6.3	X7T	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB7474KFNA01	1.0x0.5	0.55	6.3	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB7474MFNA01	1.0x0.5	0.55	6.3	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB7224KFNA01	1.0x0.5	0.55	6.3	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ105SB7224MFNA01	1.0x0.5	0.55	6.3	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB7474KFNA01	1.0x0.5	0.55	10	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB7474MFNA01	1.0x0.5	0.55	10	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB7224KFNB25	1.0x0.5	0.55	10	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL105SB7224MFNB25	1.0x0.5	0.55	10	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7224KFNB25	1.0x0.5	0.55	16	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7224MFNB25	1.0x0.5	0.55	16	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7104KFNA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7104MFNA01	1.0x0.5	0.55	16	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7473KFNA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7473MFNA01	1.0x0.5	0.55	16	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7223KFNA01	1.0x0.5	0.55	16	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE105SB7223MFNA01	1.0x0.5	0.55	16	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7224KFNB25	1.0x0.5	0.55	25	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7224MFNB25	1.0x0.5	0.55	25	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7104KFNB25	1.0x0.5	0.55	25	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7104MFNB25	1.0x0.5	0.55	25	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7473KFNA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7473MFNA01	1.0x0.5	0.55	25	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7223KFNA01	1.0x0.5	0.55	25	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST105SB7223MFNA01	1.0x0.5	0.55	25	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7104KFNB25	1.0x0.5	0.55	50	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7104MFNB25	1.0x0.5	0.55	50	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7473KFNB25	1.0x0.5	0.55	50	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7473MFNB25	1.0x0.5	0.55	50	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7223KFNB25	1.0x0.5	0.55	50	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7223MFNB25	1.0x0.5	0.55	50	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7103KFNA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7103MFNA01	1.0x0.5	0.55	50	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7682KFNA01	1.0x0.5	0.55	50	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7682MFNA01	1.0x0.5	0.55	50	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7472KFNA01	1.0x0.5	0.55	50	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7472MFNA01	1.0x0.5	0.55	50	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7332KFNA01	1.0x0.5	0.55	50	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7332MFNA01	1.0x0.5	0.55	50	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7222KFNA01	1.0x0.5	0.55	50	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7222MFNA01	1.0x0.5	0.55	50	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7152KFNA01	1.0x0.5	0.55	50	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SB7152MFNA01	1.0x0.5	0.55	50	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBC6107MTNA01	2.0x1.25	1.45	2.5	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MTCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MTCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MRCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MRCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MTCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5476MRCB46	1.6x0.8	1	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BB5226MTNA01	1.6x0.8	1	4	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BB5476MRCB46	1.6x0.8	1	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BB5476MRCB46	1.6x0.8	1	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168AB5106KTNA01	1.6x0.8	0.95	6.3	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168AB5106MTNA01	1.6x0.8	0.95	6.3	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BB5226MTNA01	1.6x0.8	1	10	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BB5106KTNB33	1.6x0.8	1	10	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BB5106MTNB33	1.6x0.8	1	10	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SB5475KTNA01	1.6x0.8	0.9	10	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SB5475MTNA01	1.6x0.8	0.9	10	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BB5106MTNA01	1.6x0.8	1	16	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168AB5475KTNA01	1.6x0.8	0.95	16	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168AB5475MTNA01	1.6x0.8	0.95	16	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB5225KTNA01	1.6x0.8	0.9	16	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB5225MTNA01	1.6x0.8	0.9	16	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168BB5106MTNA01	1.6x0.8	1	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST168BB5475KTNA01	1.6x0.8	1	25	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168BB5475MTNA01	1.6x0.8	1	25	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168AB5225KTNA01	1.6x0.8	0.95	25	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168AB5225MTNA01	1.6x0.8	0.95	25	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG168BB5475KTNA01	1.6x0.8	1	35	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG168BB5475MTNA01	1.6x0.8	1	35	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168BB5225KTNA01	1.6x0.8	1	50	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168BB5225MTNA01	1.6x0.8	1	50	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB5105KTNA01	1.6x0.8	0.9	50	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB5105MTNA01	1.6x0.8	0.9	50	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168AB5474KTNA01	1.6x0.8	0.95	50	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168AB5474MTNA01	1.6x0.8	0.95	50	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KJB5106MTNC12	1.6x0.8	0.5	6.3	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KTB5475MTNA01	1.6x0.8	0.5	6.3	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KTB5225KTNA01	1.6x0.8	0.5	6.3	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KTB5225MTNA01	1.6x0.8	0.5	6.3	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KTB5105KTNA01	1.6x0.8	0.5	6.3	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ16KTB5105MTNA01	1.6x0.8	0.5	6.3	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL16KJB5475MTNB33	1.6x0.8	0.5	10	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL16KTB5225KTNA01	1.6x0.8	0.5	10	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL16KTB5225MTNA01	1.6x0.8	0.5	10	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL16KTB5105KTNA01	1.6x0.8	0.5	10	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL16KTB5105MTNA01	1.6x0.8	0.5	10	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE16KJB5225KTNA01	1.6x0.8	0.5	16	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE16KJB5225MTNA01	1.6x0.8	0.5	16	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE16KTB5105KTNA01	1.6x0.8	0.5	16	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE16KTB5105MTNA01	1.6x0.8	0.5	16	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST16KTB5105KTNA01	1.6x0.8	0.5	25	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST16KTB5105MTNA01	1.6x0.8	0.5	25	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP168BC6476MTCB36	1.6x0.8	1	2.5	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP168BC6476MRCB36	1.6x0.8	1	2.5	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP168BC6476MRCA01	1.6x0.8	1	2.5	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BC6476MTCB36	1.6x0.8	1	4	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BC6476MRCA01	1.6x0.8	1	4	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA168BC6226MTNA01	1.6x0.8	1	4	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BC6226MTNA01	1.6x0.8	1	6.3	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BC6106KTNA01	1.6x0.8	1	6.3	X6S	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BC6106MTNA01	1.6x0.8	1	6.3	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168SC6475KTNA01	1.6x0.8	0.9	6.3	X6S	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168SC6475MTNA01	1.6x0.8	0.9	6.3	X6S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BC6106MTNA01	1.6x0.8	1	10	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168AC6475KTNA01	1.6x0.8	0.95	10	X6S	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168AC6475MTNA01	1.6x0.8	0.95	10	X6S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SC6105KTNA01	1.6x0.8	0.9	10	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SC6105MTNA01	1.6x0.8	0.9	10	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BC6106MTNA01	1.6x0.8	1	16	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BC6475KTNA01	1.6x0.8	1	16	X6S	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BC6475MTNA01	1.6x0.8	1	16	X6S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BC6225KTNA01	1.6x0.8	1	16	X6S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BC6225MTNA01	1.6x0.8	1	16	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SC6105KTNA01	1.6x0.8	0.9	16	X6S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SC6105MTNA01	1.6x0.8	0.9	16	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168BC6225KTNA01	1.6x0.8	1	25	X6S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168BC6225MTNA01	1.6x0.8	1	25	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BD7106MTCB36	1.6x0.8	1	6.3	X7T	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BB7475KTNA01	1.6x0.8	1	6.3	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BB7475MTNA01	1.6x0.8	1	6.3	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168SB7225KTNB25	1.6x0.8	0.9	6.3	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168SB7225MTNB25	1.6x0.8	0.9	6.3	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BD7475KTCA01	1.6x0.8	1	10	X7T	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168BD7475MTCB36	1.6x0.8	1	10	X7T	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SB7225KTNB25	1.6x0.8	0.9	10	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL168SB7225MTNB25	1.6x0.8	0.9	10	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BB7225KTNA01	1.6x0.8	1	16	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168BB7225MTNA01	1.6x0.8	1	16	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB7105KTNA01	1.6x0.8	0.9	16	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB7105MTNA01	1.6x0.8	0.9	16	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB7474KTNA01	1.6x0.8	0.9	16	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE168SB7474MTNA01	1.6x0.8	0.9	16	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168SB7105KTNA01	1.6x0.8	0.9	25	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST168SB7105MTNA01	1.6x0.8	0.9	25	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168SB7474KTNB25	1.6x0.8	0.9	25	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST168SB7474MTNB25	1.6x0.8	0.9	25	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168AB7105KTNA01	1.6x0.8	0.95	50	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168AB7105MTNA01	1.6x0.8	0.95	50	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB7474KTNB25	1.6x0.8	0.9	50	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB7474MTNB25	1.6x0.8	0.9	50	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB7224KTNB25	1.6x0.8	0.9	50	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU168SB7224MTNB25	1.6x0.8	0.9	50	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBB5107MTNA01	2.0x1.25	1.45	2.5	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBB5107MTC A01	2.0x1.25	1.45	2.5	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA21GBB5107MTC A01	2.0x1.25	1.45	4	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GBB5107MTC A01	2.0x1.25	1.45	6.3	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GBB5476MTNA01	2.0x1.25	1.45	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GAB5226KTNA01	2.0x1.25	1.4	6.3	X5R/B	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GAB5226MTNA01	2.0x1.25	1.4	6.3	X5R/B	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB5476MTNA01	2.0x1.25	1.45	10	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB5226MTNA01	2.0x1.25	1.45	10	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB5106KTNA01	2.0x1.25	1.4	10	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB5106MTNA01	2.0x1.25	1.4	10	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GAB5226MTNA01	2.0x1.25	1.45	16	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GAB5106KTNA01	2.0x1.25	1.4	16	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GAB5106MTNA01	2.0x1.25	1.4	16	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GBB5226MTNC12	2.0x1.25	1.45	25	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GBB5106KTNA01	2.0x1.25	1.45	25	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GBB5106MTNA01	2.0x1.25	1.45	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GAB5475KTNA01	2.0x1.25	1.4	25	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GAB5475MTNA01	2.0x1.25	1.4	25	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG21GBB5106KTNA01	2.0x1.25	1.45	35	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG21GBB5106MTNA01	2.0x1.25	1.45	35	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GBB5475KTNA01	2.0x1.25	1.45	50	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GBB5475MTNA01	2.0x1.25	1.45	50	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA219LB5476MTNA01	2.0x1.25	0.95	4	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ219JB5226MTNA01	2.0x1.25	0.95	6.3	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ219JB5106KTNA01	2.0x1.25	0.95	6.3	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ219JB5106MTNA01	2.0x1.25	0.95	6.3	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219LB5226MTNA01	2.0x1.25	0.95	10	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB5106KTNA01	2.0x1.25	0.95	10	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB5106MTNA01	2.0x1.25	0.95	10	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB5225KTNA01	2.0x1.25	0.95	10	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB5225MTNA01	2.0x1.25	0.95	10	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB5105KTNA01	2.0x1.25	0.95	10	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB5105MTNA01	2.0x1.25	0.95	10	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB5106KTNA01	2.0x1.25	0.95	16	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB5106MTNA01	2.0x1.25	0.95	16	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB5475KTNA01	2.0x1.25	0.95	16	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB5475MTNA01	2.0x1.25	0.95	16	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB5225KTNA01	2.0x1.25	0.95	16	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB5225MTNA01	2.0x1.25	0.95	16	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB5105KTNA01	2.0x1.25	0.95	16	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB5105MTNA01	2.0x1.25	0.95	16	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219LB5106KTNA01	2.0x1.25	0.95	25	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219LB5106MTNA01	2.0x1.25	0.95	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219LB5475KTNA01	2.0x1.25	0.95	25	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219LB5475MTNA01	2.0x1.25	0.95	25	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219JB5225KTNA01	2.0x1.25	0.95	25	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219JB5225MTNA01	2.0x1.25	0.95	25	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219SB5105KTNA01	2.0x1.25	0.95	25	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219SB5105MTNA01	2.0x1.25	0.95	25	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219SB5474KTNA01	2.0x1.25	0.95	25	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219SB5474MTNA01	2.0x1.25	0.95	25	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG219LB5475KTNA01	2.0x1.25	0.95	35	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG219LB5475MTNA01	2.0x1.25	0.95	35	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219LB5225KTNA01	2.0x1.25	0.95	50	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219LB5225MTNA01	2.0x1.25	0.95	50	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB5105KTNA01	2.0x1.25	0.95	50	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB5105MTNA01	2.0x1.25	0.95	50	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBC6107MTCB46	2.0x1.25	1.45	2.5	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA21GBC6107MTC A01	2.0x1.25	1.45	4	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA21GBC6476MTNA01	2.0x1.25	1.45	4	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASA21GAC6226MTNA01	2.0x1.25	1.4	4	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GBC6476MTNA01	2.0x1.25	1.45	6.3	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GBC6226MTNA01	2.0x1.25	1.45	6.3	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GBC6226MTNA01	2.0x1.25	1.45	10	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GBC6226MTNC12	2.0x1.25	1.45	16	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GBC6106KTNA01	2.0x1.25	1.45	25	X6S	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GBC6106MTNA01	2.0x1.25	1.45	25	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA219LC6226MTNA01	2.0x1.25	0.95	4	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JC6106KTNA01	2.0x1.25	0.95	10	X6S	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JC6106MTNA01	2.0x1.25	0.95	10	X6S	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GAB7106KTNA01	2.0x1.25	1.4	6.3	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ21GAB7106MTNA01	2.0x1.25	1.4	6.3	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB7106KTNA01	2.0x1.25	1.4	10	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL21GAB7106MTNA01	2.0x1.25	1.4	10	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GBB7106MTNA01	2.0x1.25	1.45	16	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GSB7475KTNA01	2.0x1.25	1.35	16	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE21GSB7475MTNA01	2.0x1.25	1.35	16	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GAB7475KTNA01	2.0x1.25	1.4	25	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GAB7475MTNA01	2.0x1.25	1.4	25	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GSB7225KTNB25	2.0x1.25	1.35	25	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST21GSB7225MTNB25	2.0x1.25	1.35	25	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG21GSB7105KTNA01	2.0x1.25	1.35	35	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG21GSB7105MTNA01	2.0x1.25	1.35	35	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GBB7225KTNA01	2.0x1.25	1.45	50	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GBB7225MTNA01	2.0x1.25	1.45	50	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7105KTNA01	2.0x1.25	1.35	50	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7105MTNA01	2.0x1.25	1.35	50	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7474KTNA01	2.0x1.25	1.35	50	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7474MTNA01	2.0x1.25	1.35	50	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7224KTNA01	2.0x1.25	1.35	50	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU21GSB7224MTNA01	2.0x1.25	1.35	50	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB7475KTNB25	2.0x1.25	0.95	10	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB7475MTNB25	2.0x1.25	0.95	10	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB7225KTNA01	2.0x1.25	0.95	10	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219JB7225MTNA01	2.0x1.25	0.95	10	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB7105KTNA01	2.0x1.25	0.95	10	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL219SB7105MTNA01	2.0x1.25	0.95	10	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219LB7475MTNA01	2.0x1.25	0.95	16	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB7225KTNA01	2.0x1.25	0.95	16	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219JB7225MTNA01	2.0x1.25	0.95	16	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB7105KTNA01	2.0x1.25	0.95	16	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB7105MTNA01	2.0x1.25	0.95	16	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB7474KTNA01	2.0x1.25	0.95	16	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE219SB7474MTNA01	2.0x1.25	0.95	16	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219JB7225KTNB25	2.0x1.25	0.95	25	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST219JB7225MTNB25	2.0x1.25	0.95	25	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7105KTNA01	2.0x1.25	0.95	50	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7105MTNA01	2.0x1.25	0.95	50	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7474KTNA01	2.0x1.25	0.95	50	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7474MTNA01	2.0x1.25	0.95	50	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7224KTNA01	2.0x1.25	0.95	50	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7224MTNA01	2.0x1.25	0.95	50	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7104KTNA01	2.0x1.25	0.95	50	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU219JB7104MTNA01	2.0x1.25	0.95	50	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP31LBB5227MTNB36	3.2x1.6	1.9	2.5	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP31LBB5227MTNA01	3.2x1.6	1.9	2.5	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LBB5227MTNB36	3.2x1.6	1.9	4	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LBB5227MTCA01	3.2x1.6	1.9	4	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LBB5157MTNA01	3.2x1.6	1.9	4	X5R	150 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LAB5107MTNA01	3.2x1.6	1.8	4	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ31LBB5227MTCA01	3.2x1.6	1.9	6.3	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ31LAB5107MTNA01	3.2x1.6	1.8	6.3	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ31LAB5476MTNA01	3.2x1.6	1.8	6.3	X5R/B	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LAB5476MTNA01	3.2x1.6	1.8	10	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LBB5476MTNA01	3.2x1.6	1.9	16	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LAB5226KTNA01	3.2x1.6	1.8	16	X5R/B	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LAB5226MTNA01	3.2x1.6	1.8	16	X5R/B	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LBB5226MTNA01	3.2x1.6	1.9	25	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LSB5106KTNA01	3.2x1.6	1.8	25	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LSB5106MTNA01	3.2x1.6	1.8	25	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST31LSB5225KTNA01	3.2x1.6	1.8	25	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LSB5225MTNA01	3.2x1.6	1.8	25	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG31LSB5106KTNA01	3.2x1.6	1.8	35	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG31LSB5106MTNA01	3.2x1.6	1.8	35	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LBB5106KTNA01	3.2x1.6	1.9	50	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LBB5106MTNA01	3.2x1.6	1.9	50	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LSB5475KTNA01	3.2x1.6	1.8	50	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LSB5475MTNA01	3.2x1.6	1.8	50	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ319LB5476MTNA01	3.2x1.6	0.95	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ319LB5226MTNA01	3.2x1.6	0.95	6.3	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ319HB5106KTNA01	3.2x1.6	0.95	6.3	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ319HB5106MTNA01	3.2x1.6	0.95	6.3	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319LB5226MTNA01	3.2x1.6	0.95	10	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319HB5106KTNA01	3.2x1.6	0.95	10	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319HB5106MTNA01	3.2x1.6	0.95	10	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319HB5475KTNA01	3.2x1.6	0.95	10	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319HB5475MTNA01	3.2x1.6	0.95	10	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319LB5226MTNA01	3.2x1.6	0.95	16	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5106KTNA01	3.2x1.6	0.95	16	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5106MTNA01	3.2x1.6	0.95	16	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5475KTNA01	3.2x1.6	0.95	16	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5475MTNA01	3.2x1.6	0.95	16	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5225KTNA01	3.2x1.6	0.95	16	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE319HB5225MTNA01	3.2x1.6	0.95	16	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319LB5106KTNA01	3.2x1.6	0.95	25	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319LB5106MTNA01	3.2x1.6	0.95	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5475KTNA01	3.2x1.6	0.95	25	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5475MTNA01	3.2x1.6	0.95	25	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5225KTNA01	3.2x1.6	0.95	25	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5225MTNA01	3.2x1.6	0.95	25	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5105KTNA01	3.2x1.6	0.95	25	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319HB5105MTNA01	3.2x1.6	0.95	25	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319LB5475KTNA01	3.2x1.6	0.95	50	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319LB5475MTNA01	3.2x1.6	0.95	50	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319HB5225KTNA01	3.2x1.6	0.95	50	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319HB5225MTNA01	3.2x1.6	0.95	50	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319HB5105KTNA01	3.2x1.6	0.95	50	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319HB5105MTNA01	3.2x1.6	0.95	50	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP31LBC6227MTNB36	3.2x1.6	1.9	2.5	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LBC6227MTC A01	3.2x1.6	1.9	4	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LAC6107MTNA01	3.2x1.6	1.8	4	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LAC6476MTNA01	3.2x1.6	1.8	4	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ31LAC6476MTNA01	3.2x1.6	1.8	6.3	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LBC6476MTNA01	3.2x1.6	1.9	10	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LBC6226MTNA01	3.2x1.6	1.9	16	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LBC6226MTNA01	3.2x1.6	1.9	25	X6S	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA31LAC7476MTNA01	3.2x1.6	1.8	4	X7S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ31LAC7476MTNA01	3.2x1.6	1.8	6.3	X7S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LAB7226KTNB25	3.2x1.6	1.8	10	X7R	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LAB7226MTNB25	3.2x1.6	1.8	10	X7R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LAB7106KTNA01	3.2x1.6	1.8	10	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL31LAB7106MTNA01	3.2x1.6	1.8	10	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LBB7226MTNA01	3.2x1.6	1.9	16	X7R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LAB7106KTNA01	3.2x1.6	1.8	16	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LAB7106MTNA01	3.2x1.6	1.8	16	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LSB7475KTNA01	3.2x1.6	1.8	16	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE31LSB7475MTNA01	3.2x1.6	1.8	16	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LAB7106KTNA01	3.2x1.6	1.8	25	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LAB7106MTNA01	3.2x1.6	1.8	25	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LAB7475KTNA01	3.2x1.6	1.8	25	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST31LAB7475MTNA01	3.2x1.6	1.8	25	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG31LAB7106KTNB25	3.2x1.6	1.8	35	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG31LAB7106MTNB25	3.2x1.6	1.8	35	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LAB7475KTNA01	3.2x1.6	1.8	50	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LAB7475MTNA01	3.2x1.6	1.8	50	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LSB7225KTNA01	3.2x1.6	1.8	50	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU31LSB7225MTNA01	3.2x1.6	1.8	50	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL319LB7106MTNA01	3.2x1.6	0.95	10	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319LB7475KTNA01	3.2x1.6	0.95	25	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST319LB7475MTNA01	3.2x1.6	0.95	25	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASU319HB7225KTNA01	3.2x1.6	0.95	50	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU319HB7225MTNA01	3.2x1.6	0.95	50	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAB5337MPNDT1	3.2x2.5	2.8	4	X5R	330 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAB5227MPNDT1	3.2x2.5	2.8	4	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAB5157MPNDT1	3.2x2.5	2.8	4	X5R	150 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MAB5337MPCDT1	3.2x2.5	2.8	6.3	X5R	330 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MAB5227MPNDT1	3.2x2.5	2.8	6.3	X5R	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MAB5157MPNDT1	3.2x2.5	2.8	6.3	X5R	150 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MAB5107MPNA01	3.2x2.5	2.8	6.3	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32MAB5107MPNA01	3.2x2.5	2.8	10	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32MSB5476MPNA01	3.2x2.5	2.7	10	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MAB5107MPNA01	3.2x2.5	2.8	16	X5R	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MSB5476MPNA01	3.2x2.5	2.7	16	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MSB5226KPA01	3.2x2.5	2.7	16	X5R/B	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MSB5226MPNA01	3.2x2.5	2.7	16	X5R/B	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MAB5476MPNDT1	3.2x2.5	2.8	25	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MSB5226KPA01	3.2x2.5	2.7	25	X5R	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MSB5226MPNA01	3.2x2.5	2.7	25	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32MSB5226MPNA01	3.2x2.5	2.7	35	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB5106KPA01	3.2x2.5	2.7	50	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB5106MPNA01	3.2x2.5	2.7	50	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32YBB5107MTNA01	3.2x2.5	2	6.3	X5R/B	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32NSB5476MTNA01	3.2x2.5	2.1	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32YBB5226MTNA01	3.2x2.5	2	6.3	X5R/B	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32YBB5226MTNA01	3.2x2.5	2	10	X5R/B	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32NSB5106KTA01	3.2x2.5	2.1	10	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32NSB5106MTNA01	3.2x2.5	2.1	10	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32YBB5476MTNA01	3.2x2.5	2	16	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB5106KTA01	3.2x2.5	2.1	16	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB5106MTNA01	3.2x2.5	2.1	16	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB5475KTA01	3.2x2.5	2.1	16	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB5475MTNA01	3.2x2.5	2.1	16	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB5106KTA01	3.2x2.5	2.1	25	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB5106MTNA01	3.2x2.5	2.1	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB5475KTA01	3.2x2.5	2.1	25	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB5475MTNA01	3.2x2.5	2.1	25	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB5335MTNA01	3.2x2.5	2.1	25	X5R/B	3.3 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5106KTA01	3.2x2.5	2.1	35	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5106MTNA01	3.2x2.5	2.1	35	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5475KTA01	3.2x2.5	2.1	35	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5475MTNA01	3.2x2.5	2.1	35	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5225KTA01	3.2x2.5	2.1	35	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASG32NSB5225MTNA01	3.2x2.5	2.1	35	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32NSB5475KTA01	3.2x2.5	2.1	50	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32NSB5475MTNA01	3.2x2.5	2.1	50	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5106KTA01	3.2x2.5	0.95	10	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5106MTNA01	3.2x2.5	0.95	10	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5475KTA01	3.2x2.5	0.95	10	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5475MTNA01	3.2x2.5	0.95	10	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5335KTA01	3.2x2.5	0.95	10	X5R/B	3.3 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL329JB5335MTNA01	3.2x2.5	0.95	10	X5R/B	3.3 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE329JB5226MTNA01	3.2x2.5	0.95	16	X5R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE329JB5106KTA01	3.2x2.5	0.95	16	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE329JB5106MTNA01	3.2x2.5	0.95	16	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST329JB5106KTA01	3.2x2.5	0.95	25	X5R/B	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST329JB5106MTNA01	3.2x2.5	0.95	25	X5R/B	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP32MAC6337MPNDT1	3.2x2.5	2.8	2.5	X6S	330 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP32MAC6227MPNDT3	3.2x2.5	2.8	2.5	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP32MAC6227MPNDT1	3.2x2.5	2.8	2.5	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAC6337MPCDT1	3.2x2.5	2.8	4	X6S	330 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAC6227MPNDT3	3.2x2.5	2.8	4	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAC6227MPNDT1	3.2x2.5	2.8	4	X6S	220 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA32MAC6157MPNDT1	3.2x2.5	2.8	4	X6S	150 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32MAC6107MPNA01	3.2x2.5	2.8	10	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MAC6476MPNDT1	3.2x2.5	2.8	16	X6S	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MAC7107MPNA01	3.2x2.5	2.8	6.3	X7S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MSB7476KPNB25	3.2x2.5	2.7	6.3	X7R	47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ32MSB7476MPNB25	3.2x2.5	2.7	6.3	X7R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32MSB7476KPNB25	3.2x2.5	2.7	10	X7R	47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32MSB7476MPNB25	3.2x2.5	2.7	10	X7R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE32MSB7226KPNB25	3.2x2.5	2.7	16	X7R	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32MSB7226MPNB25	3.2x2.5	2.7	16	X7R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MSB7226KPNB25	3.2x2.5	2.7	25	X7R	22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MSB7226MPNB25	3.2x2.5	2.7	25	X7R	22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MAB7106KPNA01	3.2x2.5	2.8	25	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32MAB7106MPNA01	3.2x2.5	2.8	25	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MAB7106KPNA01	3.2x2.5	2.8	50	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MAB7106MPNA01	3.2x2.5	2.8	50	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB7475KPNA01	3.2x2.5	2.7	50	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB7475MPNA01	3.2x2.5	2.7	50	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB7335KPNA01	3.2x2.5	2.7	50	X7R	3.3 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32MSB7335MPNA01	3.2x2.5	2.7	50	X7R	3.3 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32NSB7106KTNA01	3.2x2.5	2.1	10	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL32NSB7106MTNA01	3.2x2.5	2.1	10	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB7106KTNA01	3.2x2.5	2.1	16	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB7106MTNA01	3.2x2.5	2.1	16	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB7475KTNA01	3.2x2.5	2.1	16	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE32NSB7475MTNA01	3.2x2.5	2.1	16	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7106KTNB25	3.2x2.5	2.1	25	X7R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7106MTNB25	3.2x2.5	2.1	25	X7R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7475KTNA01	3.2x2.5	2.1	25	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7475MTNA01	3.2x2.5	2.1	25	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7335KTNA01	3.2x2.5	2.1	25	X7R	3.3 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAST32NSB7335MTNA01	3.2x2.5	2.1	25	X7R	3.3 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32NSB7475KTNB25	3.2x2.5	2.1	50	X7R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASU32NSB7475MTNB25	3.2x2.5	2.1	50	X7R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA45MSB5477MTNA01	4.5x3.2	2.7	4	X5R	470 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP45MSB6477MTNA01	4.5x3.2	2.7	2.5	X6S	470 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA021SB5223MWNA01	0.25x0.125	0.138	4	X5R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5103KWNA01	0.25x0.125	0.138	6.3	X5R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5103MWNA01	0.25x0.125	0.138	6.3	X5R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5472KWNA01	0.25x0.125	0.138	6.3	X5R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5472MWNA01	0.25x0.125	0.138	6.3	X5R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5222KWNA01	0.25x0.125	0.138	6.3	X5R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ021SB5222MWNA01	0.25x0.125	0.138	6.3	X5R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5102KWNA01	0.25x0.125	0.138	16	X5R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5102MWNA01	0.25x0.125	0.138	16	X5R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5471KWNA01	0.25x0.125	0.138	16	X5R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5471MWNA01	0.25x0.125	0.138	16	X5R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5221KWNA01	0.25x0.125	0.138	16	X5R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SB5221MWNA01	0.25x0.125	0.138	16	X5R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP042SB5224KWNA01	0.4x0.2	0.22	2.5	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASP042SB5224MWNA01	0.4x0.2	0.22	2.5	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5224KWNA01	0.4x0.2	0.22	4	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5224MWNA01	0.4x0.2	0.22	4	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5104KWNA01	0.4x0.2	0.22	4	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5104MWNA01	0.4x0.2	0.22	4	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5473KWNA01	0.4x0.2	0.22	4	X5R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SB5473MWNA01	0.4x0.2	0.22	4	X5R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5104KWNA01	0.4x0.2	0.22	6.3	X5R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5104MWNA01	0.4x0.2	0.22	6.3	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5473KWNA01	0.4x0.2	0.22	6.3	X5R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5473MWNA01	0.4x0.2	0.22	6.3	X5R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5223KWNA01	0.4x0.2	0.22	6.3	X5R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5223MWNA01	0.4x0.2	0.22	6.3	X5R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5103KWNA01	0.4x0.2	0.22	6.3	X5R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5103MWNA01	0.4x0.2	0.22	6.3	X5R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5682KWNA01	0.4x0.2	0.22	6.3	X5R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5682MWNA01	0.4x0.2	0.22	6.3	X5R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5472KWNA01	0.4x0.2	0.22	6.3	X5R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5472MWNA01	0.4x0.2	0.22	6.3	X5R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5332KWNA01	0.4x0.2	0.22	6.3	X5R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5332MWNA01	0.4x0.2	0.22	6.3	X5R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5222KWNA01	0.4x0.2	0.22	6.3	X5R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5222MWNA01	0.4x0.2	0.22	6.3	X5R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5152KWNA01	0.4x0.2	0.22	6.3	X5R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SB5152MWNA01	0.4x0.2	0.22	6.3	X5R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5104MWNA01	0.4x0.2	0.22	10	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5103KWNA01	0.4x0.2	0.22	10	X5R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5103MWNA01	0.4x0.2	0.22	10	X5R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASL042SB5682KWNA01	0.4x0.2	0.22	10	X5R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5682MWNA01	0.4x0.2	0.22	10	X5R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5472KWNA01	0.4x0.2	0.22	10	X5R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5472MWNA01	0.4x0.2	0.22	10	X5R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5332KWNA01	0.4x0.2	0.22	10	X5R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5332MWNA01	0.4x0.2	0.22	10	X5R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5222KWNA01	0.4x0.2	0.22	10	X5R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5222MWNA01	0.4x0.2	0.22	10	X5R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5152KWNA01	0.4x0.2	0.22	10	X5R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5152MWNA01	0.4x0.2	0.22	10	X5R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5102KWNA01	0.4x0.2	0.22	10	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5102MWNA01	0.4x0.2	0.22	10	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5681KWNA01	0.4x0.2	0.22	10	X5R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5681MWNA01	0.4x0.2	0.22	10	X5R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5471KWNA01	0.4x0.2	0.22	10	X5R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5471MWNA01	0.4x0.2	0.22	10	X5R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5331KWNA01	0.4x0.2	0.22	10	X5R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5331MWNA01	0.4x0.2	0.22	10	X5R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5221KWNA01	0.4x0.2	0.22	10	X5R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5221MWNA01	0.4x0.2	0.22	10	X5R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5151KWNA01	0.4x0.2	0.22	10	X5R	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5151MWNA01	0.4x0.2	0.22	10	X5R	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5101KWNA01	0.4x0.2	0.22	10	X5R	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB5101MWNA01	0.4x0.2	0.22	10	X5R	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5103KWNA01	0.4x0.2	0.22	16	X5R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5103MWNA01	0.4x0.2	0.22	16	X5R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5682KWNA01	0.4x0.2	0.22	16	X5R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5682MWNA01	0.4x0.2	0.22	16	X5R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5472KWNA01	0.4x0.2	0.22	16	X5R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5472MWNA01	0.4x0.2	0.22	16	X5R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5332KWNA01	0.4x0.2	0.22	16	X5R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5332MWNA01	0.4x0.2	0.22	16	X5R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5222KWNA01	0.4x0.2	0.22	16	X5R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5222MWNA01	0.4x0.2	0.22	16	X5R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5152KWNA01	0.4x0.2	0.22	16	X5R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5152MWNA01	0.4x0.2	0.22	16	X5R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5102KWNA01	0.4x0.2	0.22	16	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5102MWNA01	0.4x0.2	0.22	16	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5681KWNA01	0.4x0.2	0.22	16	X5R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5681MWNA01	0.4x0.2	0.22	16	X5R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5471KWNA01	0.4x0.2	0.22	16	X5R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5471MWNA01	0.4x0.2	0.22	16	X5R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5331KWNA01	0.4x0.2	0.22	16	X5R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5331MWNA01	0.4x0.2	0.22	16	X5R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5221KWNA01	0.4x0.2	0.22	16	X5R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5221MWNA01	0.4x0.2	0.22	16	X5R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5151KWNA01	0.4x0.2	0.22	16	X5R	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5151MWNA01	0.4x0.2	0.22	16	X5R	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5101KWNA01	0.4x0.2	0.22	16	X5R	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB5101MWNA01	0.4x0.2	0.22	16	X5R	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP042SC6224MWNA01	0.4x0.2	0.22	2.5	X6S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP042SC6224KWNA01	0.4x0.2	0.22	2.5	X6S	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6104MWNA01	0.4x0.2	0.22	4	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6104KWNA01	0.4x0.2	0.22	4	X6S	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6473KWNA01	0.4x0.2	0.22	4	X6S	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6473MWNA01	0.4x0.2	0.22	4	X6S	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SD6223KWNA01	0.4x0.2	0.22	4	X6T	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SD6223MWNA01	0.4x0.2	0.22	4	X6T	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6103KWNA01	0.4x0.2	0.22	4	X6S	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASA042SC6103MWNA01	0.4x0.2	0.22	4	X6S	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SC6104MWN16	0.4x0.2	0.22	6.3	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SC6103KWNA01	0.4x0.2	0.22	6.3	X6S	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SC6103MWNA01	0.4x0.2	0.22	6.3	X6S	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6103KWNA01	0.4x0.2	0.22	10	X6S	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6682KWNA01	0.4x0.2	0.22	10	X6S	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6472KWNA01	0.4x0.2	0.22	10	X6S	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6332KWNA01	0.4x0.2	0.22	10	X6S	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6222KWNA01	0.4x0.2	0.22	10	X6S	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SC6152KWNA01	0.4x0.2	0.22	10	X6S	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ042SC7103KWNA01	0.4x0.2	0.22	6.3	X7S	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASL042SB7102KWNA01	0.4x0.2	0.22	10	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7102MWNA01	0.4x0.2	0.22	10	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7821KWNA01	0.4x0.2	0.22	10	X7R	820 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7821MWNA01	0.4x0.2	0.22	10	X7R	820 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7681KWNA01	0.4x0.2	0.22	10	X7R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7681MWNA01	0.4x0.2	0.22	10	X7R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7561KWNA01	0.4x0.2	0.22	10	X7R	560 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7561MWNA01	0.4x0.2	0.22	10	X7R	560 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7471KWNA01	0.4x0.2	0.22	10	X7R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7471MWNA01	0.4x0.2	0.22	10	X7R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7391KWNA01	0.4x0.2	0.22	10	X7R	390 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7391MWNA01	0.4x0.2	0.22	10	X7R	390 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7331KWNA01	0.4x0.2	0.22	10	X7R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7331MWNA01	0.4x0.2	0.22	10	X7R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7271KWNA01	0.4x0.2	0.22	10	X7R	270 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7271MWNA01	0.4x0.2	0.22	10	X7R	270 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7221KWNA01	0.4x0.2	0.22	10	X7R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7221MWNA01	0.4x0.2	0.22	10	X7R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7181KWNA01	0.4x0.2	0.22	10	X7R	180 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7181MWNA01	0.4x0.2	0.22	10	X7R	180 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7151KWNA01	0.4x0.2	0.22	10	X7R	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7151MWNA01	0.4x0.2	0.22	10	X7R	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7121KWNA01	0.4x0.2	0.22	10	X7R	120 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7121MWNA01	0.4x0.2	0.22	10	X7R	120 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7101KWNA01	0.4x0.2	0.22	10	X7R	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASL042SB7101MWNA01	0.4x0.2	0.22	10	X7R	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7102KWNA01	0.4x0.2	0.22	16	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7102MWNA01	0.4x0.2	0.22	16	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7821KWNA01	0.4x0.2	0.22	16	X7R	820 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7821MWNA01	0.4x0.2	0.22	16	X7R	820 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7681KWNA01	0.4x0.2	0.22	16	X7R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7681MWNA01	0.4x0.2	0.22	16	X7R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7561KWNA01	0.4x0.2	0.22	16	X7R	560 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7561MWNA01	0.4x0.2	0.22	16	X7R	560 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7471KWNA01	0.4x0.2	0.22	16	X7R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7471MWNA01	0.4x0.2	0.22	16	X7R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7391KWNA01	0.4x0.2	0.22	16	X7R	390 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7391MWNA01	0.4x0.2	0.22	16	X7R	390 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7331KWNA01	0.4x0.2	0.22	16	X7R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7331MWNA01	0.4x0.2	0.22	16	X7R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7271KWNA01	0.4x0.2	0.22	16	X7R	270 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7271MWNA01	0.4x0.2	0.22	16	X7R	270 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7221KWNA01	0.4x0.2	0.22	16	X7R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7221MWNA01	0.4x0.2	0.22	16	X7R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7181KWNA01	0.4x0.2	0.22	16	X7R	180 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7181MWNA01	0.4x0.2	0.22	16	X7R	180 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7151KWNA01	0.4x0.2	0.22	16	X7R	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7151MWNA01	0.4x0.2	0.22	16	X7R	150 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7121KWNA01	0.4x0.2	0.22	16	X7R	120 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7121MWNA01	0.4x0.2	0.22	16	X7R	120 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7101KWNA01	0.4x0.2	0.22	16	X7R	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SB7101MWNA01	0.4x0.2	0.22	16	X7R	100 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASJ168BB5476MT2A01	1.6x0.8	1	6.3	X5R	47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBD7107MT1A01	2.0x1.25	1.45	2.5	X7T	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASP21GBC6107MT1A01	2.0x1.25	1.45	2.5	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASA21GBC6107MT1A01	2.0x1.25	1.45	4	X6S	100 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)









Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST021SCG360JWNA01	0.25x0.125	0.138	25	COG/CG	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG390JWNA01	0.25x0.125	0.138	25	COG/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG430JWNA01	0.25x0.125	0.138	25	COG/CG	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG470JWNA01	0.25x0.125	0.138	25	COG/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG510JWNA01	0.25x0.125	0.138	25	COG/CG	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG560JWNA01	0.25x0.125	0.138	25	COG/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG620GWNA01	0.25x0.125	0.138	25	COG/CG	62 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG620JWNA01	0.25x0.125	0.138	25	COG/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG680GWNA01	0.25x0.125	0.138	25	COG/CG	68 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG680JWNA01	0.25x0.125	0.138	25	COG/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG750GWNA01	0.25x0.125	0.138	25	COG/CG	75 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG750JWNA01	0.25x0.125	0.138	25	COG/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG820GWNA01	0.25x0.125	0.138	25	COG/CG	82 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG820JWNA01	0.25x0.125	0.138	25	COG/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG910GWNA01	0.25x0.125	0.138	25	COG/CG	91 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG910JWNA01	0.25x0.125	0.138	25	COG/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG101GWNA01	0.25x0.125	0.138	25	COG/CG	100 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCG101JWNA01	0.25x0.125	0.138	25	COG/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG330JWNA01	0.25x0.125	0.138	16	COG/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG390JWNA01	0.25x0.125	0.138	16	COG/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG470JWNA01	0.25x0.125	0.138	16	COG/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG560JWNA01	0.25x0.125	0.138	16	COG/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG620GWNA01	0.25x0.125	0.138	16	COG/CG	62 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG620JWNA01	0.25x0.125	0.138	16	COG/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG680GWNA01	0.25x0.125	0.138	16	COG/CG	68 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG680JWNA01	0.25x0.125	0.138	16	COG/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG750GWNA01	0.25x0.125	0.138	16	COG/CG	75 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG750JWNA01	0.25x0.125	0.138	16	COG/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG820GWNA01	0.25x0.125	0.138	16	COG/CG	82 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG820JWNA01	0.25x0.125	0.138	16	COG/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG910GWNA01	0.25x0.125	0.138	16	COG/CG	91 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG910JWNA01	0.25x0.125	0.138	16	COG/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG101GWNA01	0.25x0.125	0.138	16	COG/CG	100 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCG101JWNA01	0.25x0.125	0.138	16	COG/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCG680JWNA01	0.25x0.125	0.138	10	COG/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCG820JWNA01	0.25x0.125	0.138	10	COG/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCG101JWNA01	0.25x0.125	0.138	10	COG/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R2BWNA01	0.25x0.125	0.138	25	COK/CK	0.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R3BWNA01	0.25x0.125	0.138	25	COK/CK	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R3CWNA01	0.25x0.125	0.138	25	COK/CK	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R4BWNA01	0.25x0.125	0.138	25	COK/CK	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R4CWNA01	0.25x0.125	0.138	25	COK/CK	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R5BWNA01	0.25x0.125	0.138	25	COK/CK	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R5CWNA01	0.25x0.125	0.138	25	COK/CK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R6BWNA01	0.25x0.125	0.138	25	COK/CK	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R6CWNA01	0.25x0.125	0.138	25	COK/CK	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R7BWNA01	0.25x0.125	0.138	25	COK/CK	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R7CWNA01	0.25x0.125	0.138	25	COK/CK	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCKR75BWNA01	0.25x0.125	0.138	25	COK/CK	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCKR75CWNA01	0.25x0.125	0.138	25	COK/CK	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R8BWNA01	0.25x0.125	0.138	25	COK/CK	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R8CWNA01	0.25x0.125	0.138	25	COK/CK	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R9BWNA01	0.25x0.125	0.138	25	COK/CK	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK0R9CWNA01	0.25x0.125	0.138	25	COK/CK	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK010BWNA01	0.25x0.125	0.138	25	COK/CK	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK010CWNA01	0.25x0.125	0.138	25	COK/CK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R1BWNA01	0.25x0.125	0.138	25	COK/CK	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R1CWNA01	0.25x0.125	0.138	25	COK/CK	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R2BWNA01	0.25x0.125	0.138	25	COK/CK	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R2CWNA01	0.25x0.125	0.138	25	COK/CK	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R3BWNA01	0.25x0.125	0.138	25	COK/CK	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R3CWNA01	0.25x0.125	0.138	25	COK/CK	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R4BWNA01	0.25x0.125	0.138	25	COK/CK	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R4CWNA01	0.25x0.125	0.138	25	COK/CK	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R5BWNA01	0.25x0.125	0.138	25	COK/CK	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R5CWNA01	0.25x0.125	0.138	25	COK/CK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R6BWNA01	0.25x0.125	0.138	25	COK/CK	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R6CWNA01	0.25x0.125	0.138	25	COK/CK	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R7BWNA01	0.25x0.125	0.138	25	COK/CK	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R7CWNA01	0.25x0.125	0.138	25	COK/CK	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST021SCK1R8BWNA01	0.25x0.125	0.138	25	C0K/CK	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R8CWNA01	0.25x0.125	0.138	25	C0K/CK	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R9BWNA01	0.25x0.125	0.138	25	C0K/CK	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK1R9CWNA01	0.25x0.125	0.138	25	C0K/CK	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK020BWNA01	0.25x0.125	0.138	25	C0K/CK	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK020CWNA01	0.25x0.125	0.138	25	C0K/CK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R1BWNA01	0.25x0.125	0.138	25	C0K/CK	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R1CWNA01	0.25x0.125	0.138	25	C0K/CK	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R2BWNA01	0.25x0.125	0.138	25	C0K/CK	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R2CWNA01	0.25x0.125	0.138	25	C0K/CK	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R3BWNA01	0.25x0.125	0.138	25	C0K/CK	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R3CWNA01	0.25x0.125	0.138	25	C0K/CK	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R4BWNA01	0.25x0.125	0.138	25	C0K/CK	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R4CWNA01	0.25x0.125	0.138	25	C0K/CK	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R5BWNA01	0.25x0.125	0.138	25	C0K/CK	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R5CWNA01	0.25x0.125	0.138	25	C0K/CK	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R6BWNA01	0.25x0.125	0.138	25	C0K/CK	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R6CWNA01	0.25x0.125	0.138	25	C0K/CK	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R7BWNA01	0.25x0.125	0.138	25	C0K/CK	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R7CWNA01	0.25x0.125	0.138	25	C0K/CK	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R8BWNA01	0.25x0.125	0.138	25	C0K/CK	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R8CWNA01	0.25x0.125	0.138	25	C0K/CK	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R9BWNA01	0.25x0.125	0.138	25	C0K/CK	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCK2R9CWNA01	0.25x0.125	0.138	25	C0K/CK	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ030BWNA01	0.25x0.125	0.138	25	C0J/CJ	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ030CWNA01	0.25x0.125	0.138	25	C0J/CJ	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R1BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R1CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R2BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R2CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R3BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R3CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R4BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R4CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R5BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R5CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R6BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R6CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R7BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R7CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R8BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R8CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R9BWNA01	0.25x0.125	0.138	25	C0J/CJ	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCJ3R9CWNA01	0.25x0.125	0.138	25	C0J/CJ	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH040BWNA01	0.25x0.125	0.138	25	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH040CWNA01	0.25x0.125	0.138	25	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R1BWNA01	0.25x0.125	0.138	25	C0H/CH	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R1CWNA01	0.25x0.125	0.138	25	C0H/CH	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R2BWNA01	0.25x0.125	0.138	25	C0H/CH	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R2CWNA01	0.25x0.125	0.138	25	C0H/CH	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R3BWNA01	0.25x0.125	0.138	25	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R3CWNA01	0.25x0.125	0.138	25	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R4BWNA01	0.25x0.125	0.138	25	C0H/CH	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R4CWNA01	0.25x0.125	0.138	25	C0H/CH	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R5BWNA01	0.25x0.125	0.138	25	C0H/CH	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R5CWNA01	0.25x0.125	0.138	25	C0H/CH	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R6BWNA01	0.25x0.125	0.138	25	C0H/CH	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R6CWNA01	0.25x0.125	0.138	25	C0H/CH	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R7BWNA01	0.25x0.125	0.138	25	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R7CWNA01	0.25x0.125	0.138	25	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R8BWNA01	0.25x0.125	0.138	25	C0H/CH	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R8CWNA01	0.25x0.125	0.138	25	C0H/CH	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R9BWNA01	0.25x0.125	0.138	25	C0H/CH	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH4R9CWNA01	0.25x0.125	0.138	25	C0H/CH	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH050BWNA01	0.25x0.125	0.138	25	C0H/CH	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH050CWNA01	0.25x0.125	0.138	25	C0H/CH	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH5R1CWNA01	0.25x0.125	0.138	25	C0H/CH	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH5R1DWNA01	0.25x0.125	0.138	25	C0H/CH	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH5R2CWNA01	0.25x0.125	0.138	25	C0H/CH	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH5R2DWNA01	0.25x0.125	0.138	25	C0H/CH	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST021SCH8R8CWNA01	0.25x0.125	0.138	25	C0H/CH	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH8R8DWNA01	0.25x0.125	0.138	25	C0H/CH	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH8R9CWNA01	0.25x0.125	0.138	25	C0H/CH	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH8R9DWNA01	0.25x0.125	0.138	25	C0H/CH	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH090CWNA01	0.25x0.125	0.138	25	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH090DWNA01	0.25x0.125	0.138	25	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R1CWNA01	0.25x0.125	0.138	25	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R1DWNA01	0.25x0.125	0.138	25	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R2CWNA01	0.25x0.125	0.138	25	C0H/CH	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R2DWNA01	0.25x0.125	0.138	25	C0H/CH	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R3CWNA01	0.25x0.125	0.138	25	C0H/CH	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R3DWNA01	0.25x0.125	0.138	25	C0H/CH	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R4CWNA01	0.25x0.125	0.138	25	C0H/CH	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R4DWNA01	0.25x0.125	0.138	25	C0H/CH	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R5CWNA01	0.25x0.125	0.138	25	C0H/CH	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R5DWNA01	0.25x0.125	0.138	25	C0H/CH	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R6CWNA01	0.25x0.125	0.138	25	C0H/CH	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R6DWNA01	0.25x0.125	0.138	25	C0H/CH	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R7CWNA01	0.25x0.125	0.138	25	C0H/CH	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R7DWNA01	0.25x0.125	0.138	25	C0H/CH	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R8CWNA01	0.25x0.125	0.138	25	C0H/CH	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R8DWNA01	0.25x0.125	0.138	25	C0H/CH	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R9CWNA01	0.25x0.125	0.138	25	C0H/CH	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH9R9DWNA01	0.25x0.125	0.138	25	C0H/CH	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH100CWNA01	0.25x0.125	0.138	25	C0H/CH	10 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH100DWNA01	0.25x0.125	0.138	25	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH120JWNA01	0.25x0.125	0.138	25	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH150JWNA01	0.25x0.125	0.138	25	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH180JWNA01	0.25x0.125	0.138	25	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH220JWNA01	0.25x0.125	0.138	25	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST021SCH270JWNA01	0.25x0.125	0.138	25	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCH330JWNA01	0.25x0.125	0.138	16	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCH390JWNA01	0.25x0.125	0.138	16	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCH470JWNA01	0.25x0.125	0.138	16	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE021SCH560JWNA01	0.25x0.125	0.138	16	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCH680JWNA01	0.25x0.125	0.138	10	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCH820JWNA01	0.25x0.125	0.138	10	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASL021SCH101JWNA01	0.25x0.125	0.138	10	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R4AWNA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R4BWNA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R4CWNA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R5AWNA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R5BWNA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R5CWNA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R6AWNA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R6BWNA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R6CWNA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R7AWNA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R7BWNA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R7CWNA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCGR75AWNA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCGR75BWNA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCGR75CWNA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R8AWNA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R8BWNA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R8CWNA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R9AWNA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R9BWNA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG0R9CWNA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG010AWNA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG010BWNA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG010CWNA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R1AWNA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R1BWNA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R1CWNA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R2AWNA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R2BWNA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R2CWNA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R3AWNA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R3BWNA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCG1R3CWNA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R4AWNA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R4BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R4CWNA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R5AWNA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R5BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R5CWNA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R6AWNA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R6BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R6CWNA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R7AWNA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R7BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R7CWNA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R8AWNA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R8BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R8CWNA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R9AWNA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R9BWWNA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG1R9CWNA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG020AWNA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG020BWWNA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG020CWNA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R1AWNA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R1BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R1CWNA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R2AWNA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R2BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R2CWNA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R3AWNA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R3BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R3CWNA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R4AWNA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R4BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R4CWNA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R5AWNA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R5BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R5CWNA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R6AWNA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R6BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R6CWNA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R7AWNA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R7BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R7CWNA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R8AWNA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R8BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R8CWNA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R9AWNA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R9BWWNA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG2R9CWNA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG030AWNA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG030BWWNA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG030CWNA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R1BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R1CWNA01	0.4x0.2	0.22	25	C0G/CG	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R2BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R2CWNA01	0.4x0.2	0.22	25	C0G/CG	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R3BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R3CWNA01	0.4x0.2	0.22	25	C0G/CG	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R4BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R4CWNA01	0.4x0.2	0.22	25	C0G/CG	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R5BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R5CWNA01	0.4x0.2	0.22	25	C0G/CG	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R6BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R6CWNA01	0.4x0.2	0.22	25	C0G/CG	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R7BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R7CWNA01	0.4x0.2	0.22	25	C0G/CG	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R8BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R8CWNA01	0.4x0.2	0.22	25	C0G/CG	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R9BWWNA01	0.4x0.2	0.22	25	C0G/CG	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG3R9CWNA01	0.4x0.2	0.22	25	C0G/CG	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCG040BWNA01	0.4x0.2	0.22	25	C0G/CG	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG040CWNA01	0.4x0.2	0.22	25	C0G/CG	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R1BWNA01	0.4x0.2	0.22	25	C0G/CG	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R1CWNA01	0.4x0.2	0.22	25	C0G/CG	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R2BWNA01	0.4x0.2	0.22	25	C0G/CG	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R2CWNA01	0.4x0.2	0.22	25	C0G/CG	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R3BWNA01	0.4x0.2	0.22	25	C0G/CG	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R3CWNA01	0.4x0.2	0.22	25	C0G/CG	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R4BWNA01	0.4x0.2	0.22	25	C0G/CG	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R4CWNA01	0.4x0.2	0.22	25	C0G/CG	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R5BWNA01	0.4x0.2	0.22	25	C0G/CG	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R5CWNA01	0.4x0.2	0.22	25	C0G/CG	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R6BWNA01	0.4x0.2	0.22	25	C0G/CG	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R6CWNA01	0.4x0.2	0.22	25	C0G/CG	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R7BWNA01	0.4x0.2	0.22	25	C0G/CG	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R7CWNA01	0.4x0.2	0.22	25	C0G/CG	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R8BWNA01	0.4x0.2	0.22	25	C0G/CG	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R8CWNA01	0.4x0.2	0.22	25	C0G/CG	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R9BWNA01	0.4x0.2	0.22	25	C0G/CG	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG4R9CWNA01	0.4x0.2	0.22	25	C0G/CG	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG050BWNA01	0.4x0.2	0.22	25	C0G/CG	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG050CWNA01	0.4x0.2	0.22	25	C0G/CG	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R1BWNA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R1CWNA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R1DWNA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R2BWNA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R2CWNA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R2DWNA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R3BWNA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R3CWNA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R3DWNA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R4BWNA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R4CWNA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R4DWNA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R5BWNA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R5CWNA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R5DWNA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R6BWNA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R6CWNA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R6DWNA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R7BWNA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R7CWNA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R7DWNA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R8BWNA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R8CWNA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R8DWNA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R9BWNA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R9CWNA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG5R9DWNA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG060BWNA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG060CWNA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG060DWNA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R1BWNA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R1CWNA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R1DWNA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R2BWNA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R2CWNA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R2DWNA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R3BWNA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R3CWNA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R3DWNA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R4BWNA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R4CWNA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R4DWNA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R5BWNA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R5CWNA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R5DWNA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R6BWNA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R6CWNA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R6DWNA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCG6R7BWN01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R7CWNA01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R7DWN01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R8BWN01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R8CWNA01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R8DWN01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R9BWN01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R9CWNA01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG6R9DWN01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG070BWN01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG070CWNA01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG070DWN01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R1BWN01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R1CWNA01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R1DWN01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R2BWN01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R2CWNA01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R2DWN01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R3BWN01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R3CWNA01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R3DWN01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R4BWN01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R4CWNA01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R4DWN01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R5BWN01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R5CWNA01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R5DWN01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R6BWN01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R6CWNA01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R6DWN01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R7BWN01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R7CWNA01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R7DWN01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R8BWN01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R8CWNA01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R8DWN01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R9BWN01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R9CWNA01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG7R9DWN01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG080BWN01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG080CWNA01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG080DWN01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R1BWN01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R1CWNA01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R1DWN01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R2BWN01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R2CWNA01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R2DWN01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R3BWN01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R3CWNA01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R3DWN01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R4BWN01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R4CWNA01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R4DWN01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R5BWN01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R5CWNA01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R5DWN01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R6BWN01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R6CWNA01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R6DWN01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R7BWN01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R7CWNA01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R7DWN01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R8BWN01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R8CWNA01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R8DWN01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R9BWN01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R9CWNA01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG8R9DWN01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG090BWN01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCG090CWNA01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG090DWNA01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R1BWNA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R1CWNA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R1DWNA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R2BWNA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R2CWNA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R2DWNA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R3BWNA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R3CWNA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R3DWNA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R4BWNA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R4CWNA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R4DWNA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R5BWNA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R5CWNA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R5DWNA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R6BWNA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R6CWNA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R6DWNA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R7BWNA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R7CWNA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R7DWNA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R8BWNA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R8CWNA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R8DWNA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R9BWNA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R9CWNA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG9R9DWNA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG100DWNA01	0.4x0.2	0.22	25	C0G/CG	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG110JWNA01	0.4x0.2	0.22	25	C0G/CG	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG120JWNA01	0.4x0.2	0.22	25	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG130JWNA01	0.4x0.2	0.22	25	C0G/CG	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG150JWNA01	0.4x0.2	0.22	25	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG160JWNA01	0.4x0.2	0.22	25	C0G/CG	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG180JWNA01	0.4x0.2	0.22	25	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG200JWNA01	0.4x0.2	0.22	25	C0G/CG	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG220JWNA01	0.4x0.2	0.22	25	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG240JWNA01	0.4x0.2	0.22	25	C0G/CG	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG270JWNA01	0.4x0.2	0.22	25	C0G/CG	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG300JWNA01	0.4x0.2	0.22	25	C0G/CG	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG330JWNA01	0.4x0.2	0.22	25	C0G/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG360JWNA01	0.4x0.2	0.22	25	C0G/CG	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG390JWNA01	0.4x0.2	0.22	25	C0G/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG430JWNA01	0.4x0.2	0.22	25	C0G/CG	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG470JWNA01	0.4x0.2	0.22	25	C0G/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG510JWNA01	0.4x0.2	0.22	25	C0G/CG	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG560JWNA01	0.4x0.2	0.22	25	C0G/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG620JWNA01	0.4x0.2	0.22	25	C0G/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG680JWNA01	0.4x0.2	0.22	25	C0G/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG750JWNA01	0.4x0.2	0.22	25	C0G/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG820JWNA01	0.4x0.2	0.22	25	C0G/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG910JWNA01	0.4x0.2	0.22	25	C0G/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCG101JWNA01	0.4x0.2	0.22	25	C0G/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R4AWNA01	0.4x0.2	0.22	16	C0G/CG	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R4BWNA01	0.4x0.2	0.22	16	C0G/CG	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R4CWNA01	0.4x0.2	0.22	16	C0G/CG	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R5AWNA01	0.4x0.2	0.22	16	C0G/CG	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R5BWNA01	0.4x0.2	0.22	16	C0G/CG	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R5CWNA01	0.4x0.2	0.22	16	C0G/CG	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R6AWNA01	0.4x0.2	0.22	16	C0G/CG	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R6BWNA01	0.4x0.2	0.22	16	C0G/CG	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R6CWNA01	0.4x0.2	0.22	16	C0G/CG	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R7AWNA01	0.4x0.2	0.22	16	C0G/CG	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R7BWNA01	0.4x0.2	0.22	16	C0G/CG	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R7CWNA01	0.4x0.2	0.22	16	C0G/CG	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCGR75AWNA01	0.4x0.2	0.22	16	C0G/CG	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCGR75BWNA01	0.4x0.2	0.22	16	C0G/CG	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCGR75CWNA01	0.4x0.2	0.22	16	C0G/CG	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R8AWNA01	0.4x0.2	0.22	16	C0G/CG	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCG0R8BWNA01	0.4x0.2	0.22	16	C0G/CG	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R8CWNA01	0.4x0.2	0.22	16	C0G/CG	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R9AWNA01	0.4x0.2	0.22	16	C0G/CG	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R9BWNA01	0.4x0.2	0.22	16	C0G/CG	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG0R9CWNA01	0.4x0.2	0.22	16	C0G/CG	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG010AWNA01	0.4x0.2	0.22	16	C0G/CG	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG010BWNA01	0.4x0.2	0.22	16	C0G/CG	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG010CWNA01	0.4x0.2	0.22	16	C0G/CG	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R1AWNA01	0.4x0.2	0.22	16	C0G/CG	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R1BWNA01	0.4x0.2	0.22	16	C0G/CG	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R1CWNA01	0.4x0.2	0.22	16	C0G/CG	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R2AWNA01	0.4x0.2	0.22	16	C0G/CG	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R2BWNA01	0.4x0.2	0.22	16	C0G/CG	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R2CWNA01	0.4x0.2	0.22	16	C0G/CG	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R3AWNA01	0.4x0.2	0.22	16	C0G/CG	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R3BWNA01	0.4x0.2	0.22	16	C0G/CG	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R3CWNA01	0.4x0.2	0.22	16	C0G/CG	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R4AWNA01	0.4x0.2	0.22	16	C0G/CG	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R4BWNA01	0.4x0.2	0.22	16	C0G/CG	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R4CWNA01	0.4x0.2	0.22	16	C0G/CG	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R5AWNA01	0.4x0.2	0.22	16	C0G/CG	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R5BWNA01	0.4x0.2	0.22	16	C0G/CG	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R5CWNA01	0.4x0.2	0.22	16	C0G/CG	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R6AWNA01	0.4x0.2	0.22	16	C0G/CG	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R6BWNA01	0.4x0.2	0.22	16	C0G/CG	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R6CWNA01	0.4x0.2	0.22	16	C0G/CG	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R7AWNA01	0.4x0.2	0.22	16	C0G/CG	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R7BWNA01	0.4x0.2	0.22	16	C0G/CG	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R7CWNA01	0.4x0.2	0.22	16	C0G/CG	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R8AWNA01	0.4x0.2	0.22	16	C0G/CG	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R8BWNA01	0.4x0.2	0.22	16	C0G/CG	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R8CWNA01	0.4x0.2	0.22	16	C0G/CG	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R9AWNA01	0.4x0.2	0.22	16	C0G/CG	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R9BWNA01	0.4x0.2	0.22	16	C0G/CG	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG1R9CWNA01	0.4x0.2	0.22	16	C0G/CG	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG020AWNA01	0.4x0.2	0.22	16	C0G/CG	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG020BWNA01	0.4x0.2	0.22	16	C0G/CG	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG020CWNA01	0.4x0.2	0.22	16	C0G/CG	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R1AWNA01	0.4x0.2	0.22	16	C0G/CG	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R1BWNA01	0.4x0.2	0.22	16	C0G/CG	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R1CWNA01	0.4x0.2	0.22	16	C0G/CG	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R2AWNA01	0.4x0.2	0.22	16	C0G/CG	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R2BWNA01	0.4x0.2	0.22	16	C0G/CG	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R2CWNA01	0.4x0.2	0.22	16	C0G/CG	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R3AWNA01	0.4x0.2	0.22	16	C0G/CG	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R3BWNA01	0.4x0.2	0.22	16	C0G/CG	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R3CWNA01	0.4x0.2	0.22	16	C0G/CG	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R4AWNA01	0.4x0.2	0.22	16	C0G/CG	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R4BWNA01	0.4x0.2	0.22	16	C0G/CG	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R4CWNA01	0.4x0.2	0.22	16	C0G/CG	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R5AWNA01	0.4x0.2	0.22	16	C0G/CG	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R5BWNA01	0.4x0.2	0.22	16	C0G/CG	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R5CWNA01	0.4x0.2	0.22	16	C0G/CG	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R6AWNA01	0.4x0.2	0.22	16	C0G/CG	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R6BWNA01	0.4x0.2	0.22	16	C0G/CG	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R6CWNA01	0.4x0.2	0.22	16	C0G/CG	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R7AWNA01	0.4x0.2	0.22	16	C0G/CG	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R7BWNA01	0.4x0.2	0.22	16	C0G/CG	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R7CWNA01	0.4x0.2	0.22	16	C0G/CG	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R8AWNA01	0.4x0.2	0.22	16	C0G/CG	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R8BWNA01	0.4x0.2	0.22	16	C0G/CG	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R8CWNA01	0.4x0.2	0.22	16	C0G/CG	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R9AWNA01	0.4x0.2	0.22	16	C0G/CG	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R9BWNA01	0.4x0.2	0.22	16	C0G/CG	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG2R9CWNA01	0.4x0.2	0.22	16	C0G/CG	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG030AWNA01	0.4x0.2	0.22	16	C0G/CG	3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG030BWNA01	0.4x0.2	0.22	16	C0G/CG	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG030CWNA01	0.4x0.2	0.22	16	C0G/CG	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R1BWNA01	0.4x0.2	0.22	16	C0G/CG	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R1CWNA01	0.4x0.2	0.22	16	C0G/CG	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCG3R2BWNA01	0.4x0.2	0.22	16	C0G/CG	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R2CWNA01	0.4x0.2	0.22	16	C0G/CG	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R3BWNA01	0.4x0.2	0.22	16	C0G/CG	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R3CWNA01	0.4x0.2	0.22	16	C0G/CG	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R4BWNA01	0.4x0.2	0.22	16	C0G/CG	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R4CWNA01	0.4x0.2	0.22	16	C0G/CG	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R5BWNA01	0.4x0.2	0.22	16	C0G/CG	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R5CWNA01	0.4x0.2	0.22	16	C0G/CG	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R6BWNA01	0.4x0.2	0.22	16	C0G/CG	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R6CWNA01	0.4x0.2	0.22	16	C0G/CG	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R7BWNA01	0.4x0.2	0.22	16	C0G/CG	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R7CWNA01	0.4x0.2	0.22	16	C0G/CG	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R8BWNA01	0.4x0.2	0.22	16	C0G/CG	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R8CWNA01	0.4x0.2	0.22	16	C0G/CG	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R9BWNA01	0.4x0.2	0.22	16	C0G/CG	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG3R9CWNA01	0.4x0.2	0.22	16	C0G/CG	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG40BWNA01	0.4x0.2	0.22	16	C0G/CG	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG40CWNA01	0.4x0.2	0.22	16	C0G/CG	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R1BWNA01	0.4x0.2	0.22	16	C0G/CG	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R1CWNA01	0.4x0.2	0.22	16	C0G/CG	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R2BWNA01	0.4x0.2	0.22	16	C0G/CG	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R2CWNA01	0.4x0.2	0.22	16	C0G/CG	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R3BWNA01	0.4x0.2	0.22	16	C0G/CG	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R3CWNA01	0.4x0.2	0.22	16	C0G/CG	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R4BWNA01	0.4x0.2	0.22	16	C0G/CG	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R4CWNA01	0.4x0.2	0.22	16	C0G/CG	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R5BWNA01	0.4x0.2	0.22	16	C0G/CG	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R5CWNA01	0.4x0.2	0.22	16	C0G/CG	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R6BWNA01	0.4x0.2	0.22	16	C0G/CG	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R6CWNA01	0.4x0.2	0.22	16	C0G/CG	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R7BWNA01	0.4x0.2	0.22	16	C0G/CG	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R7CWNA01	0.4x0.2	0.22	16	C0G/CG	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R8BWNA01	0.4x0.2	0.22	16	C0G/CG	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R8CWNA01	0.4x0.2	0.22	16	C0G/CG	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R9BWNA01	0.4x0.2	0.22	16	C0G/CG	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG4R9CWNA01	0.4x0.2	0.22	16	C0G/CG	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG50BWNA01	0.4x0.2	0.22	16	C0G/CG	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG50CWNA01	0.4x0.2	0.22	16	C0G/CG	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R1BWNA01	0.4x0.2	0.22	16	C0G/CG	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R1CWNA01	0.4x0.2	0.22	16	C0G/CG	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R1DWNA01	0.4x0.2	0.22	16	C0G/CG	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R2BWNA01	0.4x0.2	0.22	16	C0G/CG	5.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R2CWNA01	0.4x0.2	0.22	16	C0G/CG	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R2DWNA01	0.4x0.2	0.22	16	C0G/CG	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R3BWNA01	0.4x0.2	0.22	16	C0G/CG	5.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R3CWNA01	0.4x0.2	0.22	16	C0G/CG	5.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R3DWNA01	0.4x0.2	0.22	16	C0G/CG	5.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R4BWNA01	0.4x0.2	0.22	16	C0G/CG	5.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R4CWNA01	0.4x0.2	0.22	16	C0G/CG	5.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R4DWNA01	0.4x0.2	0.22	16	C0G/CG	5.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R5BWNA01	0.4x0.2	0.22	16	C0G/CG	5.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R5CWNA01	0.4x0.2	0.22	16	C0G/CG	5.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R5DWNA01	0.4x0.2	0.22	16	C0G/CG	5.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R6BWNA01	0.4x0.2	0.22	16	C0G/CG	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R6CWNA01	0.4x0.2	0.22	16	C0G/CG	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R6DWNA01	0.4x0.2	0.22	16	C0G/CG	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R7BWNA01	0.4x0.2	0.22	16	C0G/CG	5.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R7CWNA01	0.4x0.2	0.22	16	C0G/CG	5.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R7DWNA01	0.4x0.2	0.22	16	C0G/CG	5.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R8BWNA01	0.4x0.2	0.22	16	C0G/CG	5.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R8CWNA01	0.4x0.2	0.22	16	C0G/CG	5.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R8DWNA01	0.4x0.2	0.22	16	C0G/CG	5.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R9BWNA01	0.4x0.2	0.22	16	C0G/CG	5.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R9CWNA01	0.4x0.2	0.22	16	C0G/CG	5.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG5R9DWNA01	0.4x0.2	0.22	16	C0G/CG	5.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG060BWNA01	0.4x0.2	0.22	16	C0G/CG	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG060CWNA01	0.4x0.2	0.22	16	C0G/CG	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG060DWNA01	0.4x0.2	0.22	16	C0G/CG	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R1BWNA01	0.4x0.2	0.22	16	C0G/CG	6.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R1CWNA01	0.4x0.2	0.22	16	C0G/CG	6.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCG6R1DWNA01	0.4x0.2	0.22	16	C0G/CG	6.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R2BWNA01	0.4x0.2	0.22	16	C0G/CG	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R2CWNA01	0.4x0.2	0.22	16	C0G/CG	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R2DWNA01	0.4x0.2	0.22	16	C0G/CG	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R3BWNA01	0.4x0.2	0.22	16	C0G/CG	6.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R3CWNA01	0.4x0.2	0.22	16	C0G/CG	6.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R3DWNA01	0.4x0.2	0.22	16	C0G/CG	6.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R4BWNA01	0.4x0.2	0.22	16	C0G/CG	6.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R4CWNA01	0.4x0.2	0.22	16	C0G/CG	6.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R4DWNA01	0.4x0.2	0.22	16	C0G/CG	6.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R5BWNA01	0.4x0.2	0.22	16	C0G/CG	6.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R5CWNA01	0.4x0.2	0.22	16	C0G/CG	6.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R5DWNA01	0.4x0.2	0.22	16	C0G/CG	6.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R6BWNA01	0.4x0.2	0.22	16	C0G/CG	6.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R6CWNA01	0.4x0.2	0.22	16	C0G/CG	6.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R6DWNA01	0.4x0.2	0.22	16	C0G/CG	6.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R7BWNA01	0.4x0.2	0.22	16	C0G/CG	6.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R7CWNA01	0.4x0.2	0.22	16	C0G/CG	6.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R7DWNA01	0.4x0.2	0.22	16	C0G/CG	6.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R8BWNA01	0.4x0.2	0.22	16	C0G/CG	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R8CWNA01	0.4x0.2	0.22	16	C0G/CG	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R8DWNA01	0.4x0.2	0.22	16	C0G/CG	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R9BWNA01	0.4x0.2	0.22	16	C0G/CG	6.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R9CWNA01	0.4x0.2	0.22	16	C0G/CG	6.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG6R9DWNA01	0.4x0.2	0.22	16	C0G/CG	6.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG070BWNA01	0.4x0.2	0.22	16	C0G/CG	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG070CWNA01	0.4x0.2	0.22	16	C0G/CG	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG070DWNA01	0.4x0.2	0.22	16	C0G/CG	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R1BWNA01	0.4x0.2	0.22	16	C0G/CG	7.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R1CWNA01	0.4x0.2	0.22	16	C0G/CG	7.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R1DWNA01	0.4x0.2	0.22	16	C0G/CG	7.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R2BWNA01	0.4x0.2	0.22	16	C0G/CG	7.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R2CWNA01	0.4x0.2	0.22	16	C0G/CG	7.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R2DWNA01	0.4x0.2	0.22	16	C0G/CG	7.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R3BWNA01	0.4x0.2	0.22	16	C0G/CG	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R3CWNA01	0.4x0.2	0.22	16	C0G/CG	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R3DWNA01	0.4x0.2	0.22	16	C0G/CG	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R4BWNA01	0.4x0.2	0.22	16	C0G/CG	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R4CWNA01	0.4x0.2	0.22	16	C0G/CG	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R4DWNA01	0.4x0.2	0.22	16	C0G/CG	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R5BWNA01	0.4x0.2	0.22	16	C0G/CG	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R5CWNA01	0.4x0.2	0.22	16	C0G/CG	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R5DWNA01	0.4x0.2	0.22	16	C0G/CG	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R6BWNA01	0.4x0.2	0.22	16	C0G/CG	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R6CWNA01	0.4x0.2	0.22	16	C0G/CG	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R6DWNA01	0.4x0.2	0.22	16	C0G/CG	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R7BWNA01	0.4x0.2	0.22	16	C0G/CG	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R7CWNA01	0.4x0.2	0.22	16	C0G/CG	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R7DWNA01	0.4x0.2	0.22	16	C0G/CG	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R8BWNA01	0.4x0.2	0.22	16	C0G/CG	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R8CWNA01	0.4x0.2	0.22	16	C0G/CG	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R8DWNA01	0.4x0.2	0.22	16	C0G/CG	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R9BWNA01	0.4x0.2	0.22	16	C0G/CG	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R9CWNA01	0.4x0.2	0.22	16	C0G/CG	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG7R9DWNA01	0.4x0.2	0.22	16	C0G/CG	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG080BWNA01	0.4x0.2	0.22	16	C0G/CG	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG080CWNA01	0.4x0.2	0.22	16	C0G/CG	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG080DWNA01	0.4x0.2	0.22	16	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R1BWNA01	0.4x0.2	0.22	16	C0G/CG	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R1CWNA01	0.4x0.2	0.22	16	C0G/CG	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R1DWNA01	0.4x0.2	0.22	16	C0G/CG	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R2BWNA01	0.4x0.2	0.22	16	C0G/CG	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R2CWNA01	0.4x0.2	0.22	16	C0G/CG	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R2DWNA01	0.4x0.2	0.22	16	C0G/CG	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R3BWNA01	0.4x0.2	0.22	16	C0G/CG	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R3CWNA01	0.4x0.2	0.22	16	C0G/CG	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R3DWNA01	0.4x0.2	0.22	16	C0G/CG	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R4BWNA01	0.4x0.2	0.22	16	C0G/CG	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R4CWNA01	0.4x0.2	0.22	16	C0G/CG	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R4DWNA01	0.4x0.2	0.22	16	C0G/CG	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCG8R5BWNA01	0.4x0.2	0.22	16	C0G/CG	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R5CWNA01	0.4x0.2	0.22	16	C0G/CG	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R5DWNA01	0.4x0.2	0.22	16	C0G/CG	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R6BWNA01	0.4x0.2	0.22	16	C0G/CG	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R6CWNA01	0.4x0.2	0.22	16	C0G/CG	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R6DWNA01	0.4x0.2	0.22	16	C0G/CG	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R7BWNA01	0.4x0.2	0.22	16	C0G/CG	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R7CWNA01	0.4x0.2	0.22	16	C0G/CG	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R7DWNA01	0.4x0.2	0.22	16	C0G/CG	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R8BWNA01	0.4x0.2	0.22	16	C0G/CG	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R8CWNA01	0.4x0.2	0.22	16	C0G/CG	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R8DWNA01	0.4x0.2	0.22	16	C0G/CG	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R9BWNA01	0.4x0.2	0.22	16	C0G/CG	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R9CWNA01	0.4x0.2	0.22	16	C0G/CG	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG8R9DWNA01	0.4x0.2	0.22	16	C0G/CG	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG90BWNA01	0.4x0.2	0.22	16	C0G/CG	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG90CWNA01	0.4x0.2	0.22	16	C0G/CG	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG90DWNA01	0.4x0.2	0.22	16	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R1BWNA01	0.4x0.2	0.22	16	C0G/CG	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R1CWNA01	0.4x0.2	0.22	16	C0G/CG	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R1DWNA01	0.4x0.2	0.22	16	C0G/CG	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R2BWNA01	0.4x0.2	0.22	16	C0G/CG	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R2CWNA01	0.4x0.2	0.22	16	C0G/CG	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R2DWNA01	0.4x0.2	0.22	16	C0G/CG	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R3BWNA01	0.4x0.2	0.22	16	C0G/CG	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R3CWNA01	0.4x0.2	0.22	16	C0G/CG	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R3DWNA01	0.4x0.2	0.22	16	C0G/CG	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R4BWNA01	0.4x0.2	0.22	16	C0G/CG	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R4CWNA01	0.4x0.2	0.22	16	C0G/CG	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R4DWNA01	0.4x0.2	0.22	16	C0G/CG	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R5BWNA01	0.4x0.2	0.22	16	C0G/CG	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R5CWNA01	0.4x0.2	0.22	16	C0G/CG	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R5DWNA01	0.4x0.2	0.22	16	C0G/CG	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R6BWNA01	0.4x0.2	0.22	16	C0G/CG	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R6CWNA01	0.4x0.2	0.22	16	C0G/CG	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R6DWNA01	0.4x0.2	0.22	16	C0G/CG	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R7BWNA01	0.4x0.2	0.22	16	C0G/CG	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R7CWNA01	0.4x0.2	0.22	16	C0G/CG	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R7DWNA01	0.4x0.2	0.22	16	C0G/CG	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R8BWNA01	0.4x0.2	0.22	16	C0G/CG	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R8CWNA01	0.4x0.2	0.22	16	C0G/CG	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R8DWNA01	0.4x0.2	0.22	16	C0G/CG	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R9BWNA01	0.4x0.2	0.22	16	C0G/CG	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R9CWNA01	0.4x0.2	0.22	16	C0G/CG	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG9R9DWNA01	0.4x0.2	0.22	16	C0G/CG	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG100DWNA01	0.4x0.2	0.22	16	C0G/CG	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG110JWNA01	0.4x0.2	0.22	16	C0G/CG	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG120JWNA01	0.4x0.2	0.22	16	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG130JWNA01	0.4x0.2	0.22	16	C0G/CG	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG150JWNA01	0.4x0.2	0.22	16	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG160JWNA01	0.4x0.2	0.22	16	C0G/CG	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG180JWNA01	0.4x0.2	0.22	16	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG200JWNA01	0.4x0.2	0.22	16	C0G/CG	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG220JWNA01	0.4x0.2	0.22	16	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG240JWNA01	0.4x0.2	0.22	16	C0G/CG	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG270JWNA01	0.4x0.2	0.22	16	C0G/CG	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG300JWNA01	0.4x0.2	0.22	16	C0G/CG	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG330JWNA01	0.4x0.2	0.22	16	C0G/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG360JWNA01	0.4x0.2	0.22	16	C0G/CG	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG390JWNA01	0.4x0.2	0.22	16	C0G/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG430JWNA01	0.4x0.2	0.22	16	C0G/CG	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG470JWNA01	0.4x0.2	0.22	16	C0G/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG510JWNA01	0.4x0.2	0.22	16	C0G/CG	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG560JWNA01	0.4x0.2	0.22	16	C0G/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG620JWNA01	0.4x0.2	0.22	16	C0G/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG680JWNA01	0.4x0.2	0.22	16	C0G/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG750JWNA01	0.4x0.2	0.22	16	C0G/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG820JWNA01	0.4x0.2	0.22	16	C0G/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG910JWNA01	0.4x0.2	0.22	16	C0G/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG101JWNA01	0.4x0.2	0.22	16	C0G/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCG221JWNA01	0.4x0.2	0.22	16	C0G/CG	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG241JWNA01	0.4x0.2	0.22	16	C0G/CG	240 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG271JWNA01	0.4x0.2	0.22	16	C0G/CG	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCG331JWNA01	0.4x0.2	0.22	16	C0G/CG	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R4AWNA01	0.4x0.2	0.22	25	C0K/CK	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R4BWNA01	0.4x0.2	0.22	25	C0K/CK	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R4CWNA01	0.4x0.2	0.22	25	C0K/CK	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R5AWNA01	0.4x0.2	0.22	25	C0K/CK	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R5BWNA01	0.4x0.2	0.22	25	C0K/CK	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R5CWNA01	0.4x0.2	0.22	25	C0K/CK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R6AWNA01	0.4x0.2	0.22	25	C0K/CK	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R6BWNA01	0.4x0.2	0.22	25	C0K/CK	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R6CWNA01	0.4x0.2	0.22	25	C0K/CK	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R7AWNA01	0.4x0.2	0.22	25	C0K/CK	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R7BWNA01	0.4x0.2	0.22	25	C0K/CK	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R7CWNA01	0.4x0.2	0.22	25	C0K/CK	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCKR75AWNA01	0.4x0.2	0.22	25	C0K/CK	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCKR75BWNA01	0.4x0.2	0.22	25	C0K/CK	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCKR75CWNA01	0.4x0.2	0.22	25	C0K/CK	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R8AWNA01	0.4x0.2	0.22	25	C0K/CK	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R8BWNA01	0.4x0.2	0.22	25	C0K/CK	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R8CWNA01	0.4x0.2	0.22	25	C0K/CK	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R9AWNA01	0.4x0.2	0.22	25	C0K/CK	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R9BWNA01	0.4x0.2	0.22	25	C0K/CK	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK0R9CWNA01	0.4x0.2	0.22	25	C0K/CK	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK010AWNA01	0.4x0.2	0.22	25	C0K/CK	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK010BWNA01	0.4x0.2	0.22	25	C0K/CK	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK010CWNA01	0.4x0.2	0.22	25	C0K/CK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R1AWNA01	0.4x0.2	0.22	25	C0K/CK	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R1BWNA01	0.4x0.2	0.22	25	C0K/CK	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R1CWNA01	0.4x0.2	0.22	25	C0K/CK	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R2AWNA01	0.4x0.2	0.22	25	C0K/CK	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R2BWNA01	0.4x0.2	0.22	25	C0K/CK	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R2CWNA01	0.4x0.2	0.22	25	C0K/CK	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R3AWNA01	0.4x0.2	0.22	25	C0K/CK	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R3BWNA01	0.4x0.2	0.22	25	C0K/CK	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R3CWNA01	0.4x0.2	0.22	25	C0K/CK	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R4AWNA01	0.4x0.2	0.22	25	C0K/CK	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R4BWNA01	0.4x0.2	0.22	25	C0K/CK	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R4CWNA01	0.4x0.2	0.22	25	C0K/CK	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R5AWNA01	0.4x0.2	0.22	25	C0K/CK	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R5BWNA01	0.4x0.2	0.22	25	C0K/CK	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R5CWNA01	0.4x0.2	0.22	25	C0K/CK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R6AWNA01	0.4x0.2	0.22	25	C0K/CK	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R6BWNA01	0.4x0.2	0.22	25	C0K/CK	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R6CWNA01	0.4x0.2	0.22	25	C0K/CK	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R7AWNA01	0.4x0.2	0.22	25	C0K/CK	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R7BWNA01	0.4x0.2	0.22	25	C0K/CK	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R7CWNA01	0.4x0.2	0.22	25	C0K/CK	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R8AWNA01	0.4x0.2	0.22	25	C0K/CK	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R8BWNA01	0.4x0.2	0.22	25	C0K/CK	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R8CWNA01	0.4x0.2	0.22	25	C0K/CK	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R9AWNA01	0.4x0.2	0.22	25	C0K/CK	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R9BWNA01	0.4x0.2	0.22	25	C0K/CK	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK1R9CWNA01	0.4x0.2	0.22	25	C0K/CK	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK020AWNA01	0.4x0.2	0.22	25	C0K/CK	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK020BWNA01	0.4x0.2	0.22	25	C0K/CK	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK020CWNA01	0.4x0.2	0.22	25	C0K/CK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R1AWNA01	0.4x0.2	0.22	25	C0K/CK	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R1BWNA01	0.4x0.2	0.22	25	C0K/CK	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R1CWNA01	0.4x0.2	0.22	25	C0K/CK	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R2AWNA01	0.4x0.2	0.22	25	C0K/CK	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R2BWNA01	0.4x0.2	0.22	25	C0K/CK	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R2CWNA01	0.4x0.2	0.22	25	C0K/CK	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R3AWNA01	0.4x0.2	0.22	25	C0K/CK	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R3BWNA01	0.4x0.2	0.22	25	C0K/CK	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R3CWNA01	0.4x0.2	0.22	25	C0K/CK	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R4AWNA01	0.4x0.2	0.22	25	C0K/CK	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R4BWNA01	0.4x0.2	0.22	25	C0K/CK	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R4CWNA01	0.4x0.2	0.22	25	C0K/CK	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCK2R5AWNA01	0.4x0.2	0.22	25	C0K/CK	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R5BWN01	0.4x0.2	0.22	25	C0K/CK	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R5CWNA01	0.4x0.2	0.22	25	C0K/CK	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R6AWNA01	0.4x0.2	0.22	25	C0K/CK	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R6BWN01	0.4x0.2	0.22	25	C0K/CK	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R6CWNA01	0.4x0.2	0.22	25	C0K/CK	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R7AWNA01	0.4x0.2	0.22	25	C0K/CK	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R7BWN01	0.4x0.2	0.22	25	C0K/CK	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R7CWNA01	0.4x0.2	0.22	25	C0K/CK	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R8AWNA01	0.4x0.2	0.22	25	C0K/CK	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R8BWN01	0.4x0.2	0.22	25	C0K/CK	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R8CWNA01	0.4x0.2	0.22	25	C0K/CK	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R9AWNA01	0.4x0.2	0.22	25	C0K/CK	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R9BWN01	0.4x0.2	0.22	25	C0K/CK	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCK2R9CWNA01	0.4x0.2	0.22	25	C0K/CK	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ030AWNA01	0.4x0.2	0.22	25	C0J/CJ	3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ030BWN01	0.4x0.2	0.22	25	C0J/CJ	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ030CWNA01	0.4x0.2	0.22	25	C0J/CJ	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R1BWN01	0.4x0.2	0.22	25	C0J/CJ	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R1CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R2BWN01	0.4x0.2	0.22	25	C0J/CJ	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R2CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R3BWN01	0.4x0.2	0.22	25	C0J/CJ	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R3CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R4BWN01	0.4x0.2	0.22	25	C0J/CJ	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R4CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R5BWN01	0.4x0.2	0.22	25	C0J/CJ	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R5CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R6BWN01	0.4x0.2	0.22	25	C0J/CJ	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R6CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R7BWN01	0.4x0.2	0.22	25	C0J/CJ	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R7CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R8BWN01	0.4x0.2	0.22	25	C0J/CJ	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R8CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R9BWN01	0.4x0.2	0.22	25	C0J/CJ	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCJ3R9CWNA01	0.4x0.2	0.22	25	C0J/CJ	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH040BWN01	0.4x0.2	0.22	25	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH040CWNA01	0.4x0.2	0.22	25	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R1BWN01	0.4x0.2	0.22	25	C0H/CH	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R1CWNA01	0.4x0.2	0.22	25	C0H/CH	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R2BWN01	0.4x0.2	0.22	25	C0H/CH	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R2CWNA01	0.4x0.2	0.22	25	C0H/CH	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R3BWN01	0.4x0.2	0.22	25	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R3CWNA01	0.4x0.2	0.22	25	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R4BWN01	0.4x0.2	0.22	25	C0H/CH	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R4CWNA01	0.4x0.2	0.22	25	C0H/CH	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R5BWN01	0.4x0.2	0.22	25	C0H/CH	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R5CWNA01	0.4x0.2	0.22	25	C0H/CH	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R6BWN01	0.4x0.2	0.22	25	C0H/CH	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R6CWNA01	0.4x0.2	0.22	25	C0H/CH	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R7BWN01	0.4x0.2	0.22	25	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R7CWNA01	0.4x0.2	0.22	25	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R8BWN01	0.4x0.2	0.22	25	C0H/CH	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R8CWNA01	0.4x0.2	0.22	25	C0H/CH	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R9BWN01	0.4x0.2	0.22	25	C0H/CH	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH4R9CWNA01	0.4x0.2	0.22	25	C0H/CH	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH050BWN01	0.4x0.2	0.22	25	C0H/CH	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH050CWNA01	0.4x0.2	0.22	25	C0H/CH	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R1BWN01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R1CWNA01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R1DWN01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R2BWN01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R2CWNA01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R2DWN01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R3BWN01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R3CWNA01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R3DWN01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R4BWN01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R4CWNA01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R4DWN01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCH5R5BWNA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R5CWNA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R5DWNA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R6BWNA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R6CWNA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R6DWNA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R7BWNA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R7CWNA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R7DWNA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R8BWNA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R8CWNA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R8DWNA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R9BWNA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R9CWNA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH5R9DWNA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH060BWNA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH060CWNA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH060DWNA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R1BWNA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R1CWNA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R1DWNA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R2BWNA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R2CWNA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R2DWNA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R3BWNA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R3CWNA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R3DWNA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R4BWNA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R4CWNA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R4DWNA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R5BWNA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R5CWNA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R5DWNA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R6BWNA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R6CWNA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R6DWNA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R7BWNA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R7CWNA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R7DWNA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R8BWNA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R8CWNA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R8DWNA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R9BWNA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R9CWNA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH6R9DWNA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH070BWNA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH070CWNA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH070DWNA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R1BWNA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R1CWNA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R1DWNA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R2BWNA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R2CWNA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R2DWNA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R3BWNA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R3CWNA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R3DWNA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R4BWNA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R4CWNA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R4DWNA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R5BWNA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R5CWNA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R5DWNA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R6BWNA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R6CWNA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R6DWNA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R7BWNA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R7CWNA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R7DWNA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R8BWNA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCH7R8CWNA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R8DWNA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R9BWNA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R9CWNA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH7R9DWNA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH080BWNA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH080CWNA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH080DWNA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R1BWNA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R1CWNA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R1DWNA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R2BWNA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R2CWNA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R2DWNA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R3BWNA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R3CWNA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R3DWNA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R4BWNA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R4CWNA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R4DWNA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R5BWNA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R5CWNA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R5DWNA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R6BWNA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R6CWNA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R6DWNA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R7BWNA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R7CWNA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R7DWNA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R8BWNA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R8CWNA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R8DWNA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R9BWNA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R9CWNA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH8R9DWNA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH090BWNA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH090CWNA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH090DWNA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R1BWNA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R1CWNA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R1DWNA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R2BWNA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R2CWNA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R2DWNA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R3BWNA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R3CWNA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R3DWNA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R4BWNA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R4CWNA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R4DWNA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R5BWNA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R5CWNA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R5DWNA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R6BWNA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R6CWNA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R6DWNA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R7BWNA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R7CWNA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R7DWNA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R8BWNA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R8CWNA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R8DWNA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R9BWNA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R9CWNA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH9R9DWNA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH100DWNA01	0.4x0.2	0.22	25	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH110JWNA01	0.4x0.2	0.22	25	C0H/CH	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH120JWNA01	0.4x0.2	0.22	25	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH130JWNA01	0.4x0.2	0.22	25	C0H/CH	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH150JWNA01	0.4x0.2	0.22	25	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST042SCH160JWNA01	0.4x0.2	0.22	25	C0H/CH	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH180JWNA01	0.4x0.2	0.22	25	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH200JWNA01	0.4x0.2	0.22	25	C0H/CH	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH220JWNA01	0.4x0.2	0.22	25	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH240JWNA01	0.4x0.2	0.22	25	C0H/CH	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH270JWNA01	0.4x0.2	0.22	25	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH300JWNA01	0.4x0.2	0.22	25	C0H/CH	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH330JWNA01	0.4x0.2	0.22	25	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH360JWNA01	0.4x0.2	0.22	25	C0H/CH	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH390JWNA01	0.4x0.2	0.22	25	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH430JWNA01	0.4x0.2	0.22	25	C0H/CH	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH470JWNA01	0.4x0.2	0.22	25	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH510JWNA01	0.4x0.2	0.22	25	C0H/CH	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH560JWNA01	0.4x0.2	0.22	25	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH620JWNA01	0.4x0.2	0.22	25	C0H/CH	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH680JWNA01	0.4x0.2	0.22	25	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH750JWNA01	0.4x0.2	0.22	25	C0H/CH	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH820JWNA01	0.4x0.2	0.22	25	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH910JWNA01	0.4x0.2	0.22	25	C0H/CH	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST042SCH101JWNA01	0.4x0.2	0.22	25	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R4AWNA01	0.4x0.2	0.22	16	C0K/CK	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R4BWNA01	0.4x0.2	0.22	16	C0K/CK	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R4CWNA01	0.4x0.2	0.22	16	C0K/CK	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R5AWNA01	0.4x0.2	0.22	16	C0K/CK	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R5BWNA01	0.4x0.2	0.22	16	C0K/CK	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R5CWNA01	0.4x0.2	0.22	16	C0K/CK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R6AWNA01	0.4x0.2	0.22	16	C0K/CK	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R6BWNA01	0.4x0.2	0.22	16	C0K/CK	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R6CWNA01	0.4x0.2	0.22	16	C0K/CK	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R7AWNA01	0.4x0.2	0.22	16	C0K/CK	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R7BWNA01	0.4x0.2	0.22	16	C0K/CK	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R7CWNA01	0.4x0.2	0.22	16	C0K/CK	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCKR75AWNA01	0.4x0.2	0.22	16	C0K/CK	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCKR75BWNA01	0.4x0.2	0.22	16	C0K/CK	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCKR75CWNA01	0.4x0.2	0.22	16	C0K/CK	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R8AWNA01	0.4x0.2	0.22	16	C0K/CK	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R8BWNA01	0.4x0.2	0.22	16	C0K/CK	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R8CWNA01	0.4x0.2	0.22	16	C0K/CK	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R9AWNA01	0.4x0.2	0.22	16	C0K/CK	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R9BWNA01	0.4x0.2	0.22	16	C0K/CK	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK0R9CWNA01	0.4x0.2	0.22	16	C0K/CK	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK010AWNA01	0.4x0.2	0.22	16	C0K/CK	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK010BWNA01	0.4x0.2	0.22	16	C0K/CK	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK010CWNA01	0.4x0.2	0.22	16	C0K/CK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R1AWNA01	0.4x0.2	0.22	16	C0K/CK	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R1BWNA01	0.4x0.2	0.22	16	C0K/CK	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R1CWNA01	0.4x0.2	0.22	16	C0K/CK	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R2AWNA01	0.4x0.2	0.22	16	C0K/CK	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R2BWNA01	0.4x0.2	0.22	16	C0K/CK	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R2CWNA01	0.4x0.2	0.22	16	C0K/CK	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R3AWNA01	0.4x0.2	0.22	16	C0K/CK	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R3BWNA01	0.4x0.2	0.22	16	C0K/CK	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R3CWNA01	0.4x0.2	0.22	16	C0K/CK	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R4AWNA01	0.4x0.2	0.22	16	C0K/CK	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R4BWNA01	0.4x0.2	0.22	16	C0K/CK	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R4CWNA01	0.4x0.2	0.22	16	C0K/CK	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R5AWNA01	0.4x0.2	0.22	16	C0K/CK	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R5BWNA01	0.4x0.2	0.22	16	C0K/CK	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R5CWNA01	0.4x0.2	0.22	16	C0K/CK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R6AWNA01	0.4x0.2	0.22	16	C0K/CK	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R6BWNA01	0.4x0.2	0.22	16	C0K/CK	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R6CWNA01	0.4x0.2	0.22	16	C0K/CK	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R7AWNA01	0.4x0.2	0.22	16	C0K/CK	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R7BWNA01	0.4x0.2	0.22	16	C0K/CK	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R7CWNA01	0.4x0.2	0.22	16	C0K/CK	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R8AWNA01	0.4x0.2	0.22	16	C0K/CK	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R8BWNA01	0.4x0.2	0.22	16	C0K/CK	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R8CWNA01	0.4x0.2	0.22	16	C0K/CK	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R9AWNA01	0.4x0.2	0.22	16	C0K/CK	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK1R9BWNA01	0.4x0.2	0.22	16	C0K/CK	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCK1R9CWNA01	0.4x0.2	0.22	16	C0K/CK	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK020AWNA01	0.4x0.2	0.22	16	C0K/CK	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK020BWNNA01	0.4x0.2	0.22	16	C0K/CK	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK020CWNA01	0.4x0.2	0.22	16	C0K/CK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R1AWNA01	0.4x0.2	0.22	16	C0K/CK	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R1BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R1CWNA01	0.4x0.2	0.22	16	C0K/CK	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R2AWNA01	0.4x0.2	0.22	16	C0K/CK	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R2BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R2CWNA01	0.4x0.2	0.22	16	C0K/CK	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R3AWNA01	0.4x0.2	0.22	16	C0K/CK	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R3BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R3CWNA01	0.4x0.2	0.22	16	C0K/CK	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R4AWNA01	0.4x0.2	0.22	16	C0K/CK	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R4BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R4CWNA01	0.4x0.2	0.22	16	C0K/CK	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R5AWNA01	0.4x0.2	0.22	16	C0K/CK	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R5BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R5CWNA01	0.4x0.2	0.22	16	C0K/CK	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R6AWNA01	0.4x0.2	0.22	16	C0K/CK	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R6BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R6CWNA01	0.4x0.2	0.22	16	C0K/CK	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R7AWNA01	0.4x0.2	0.22	16	C0K/CK	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R7BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R7CWNA01	0.4x0.2	0.22	16	C0K/CK	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R8AWNA01	0.4x0.2	0.22	16	C0K/CK	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R8BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R8CWNA01	0.4x0.2	0.22	16	C0K/CK	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R9AWNA01	0.4x0.2	0.22	16	C0K/CK	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R9BWNNA01	0.4x0.2	0.22	16	C0K/CK	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCK2R9CWNA01	0.4x0.2	0.22	16	C0K/CK	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ030AWNA01	0.4x0.2	0.22	16	COJ/CJ	3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ030BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ030CWNA01	0.4x0.2	0.22	16	COJ/CJ	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R1BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R1CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R2BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R2CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R3BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R3CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R4BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R4CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R5BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R5CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R6BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R6CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R7BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R7CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R8BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R8CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R9BWNNA01	0.4x0.2	0.22	16	COJ/CJ	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCJ3R9CWNA01	0.4x0.2	0.22	16	COJ/CJ	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH040BWNNA01	0.4x0.2	0.22	16	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH040CWNA01	0.4x0.2	0.22	16	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R1BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R1CWNA01	0.4x0.2	0.22	16	C0H/CH	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R2BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R2CWNA01	0.4x0.2	0.22	16	C0H/CH	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R3BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R3CWNA01	0.4x0.2	0.22	16	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R4BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R4CWNA01	0.4x0.2	0.22	16	C0H/CH	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R5BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R5CWNA01	0.4x0.2	0.22	16	C0H/CH	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R6BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R6CWNA01	0.4x0.2	0.22	16	C0H/CH	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R7BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R7CWNA01	0.4x0.2	0.22	16	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R8BWNNA01	0.4x0.2	0.22	16	C0H/CH	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH4R8CWNA01	0.4x0.2	0.22	16	C0H/CH	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCH7R3BWNA01	0.4x0.2	0.22	16	C0H/CH	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R3CWNA01	0.4x0.2	0.22	16	C0H/CH	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R3DWNA01	0.4x0.2	0.22	16	C0H/CH	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R4BWNA01	0.4x0.2	0.22	16	C0H/CH	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R4CWNA01	0.4x0.2	0.22	16	C0H/CH	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R4DWNA01	0.4x0.2	0.22	16	C0H/CH	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R5BWNA01	0.4x0.2	0.22	16	C0H/CH	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R5CWNA01	0.4x0.2	0.22	16	C0H/CH	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R5DWNA01	0.4x0.2	0.22	16	C0H/CH	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R6BWNA01	0.4x0.2	0.22	16	C0H/CH	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R6CWNA01	0.4x0.2	0.22	16	C0H/CH	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R6DWNA01	0.4x0.2	0.22	16	C0H/CH	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R7BWNA01	0.4x0.2	0.22	16	C0H/CH	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R7CWNA01	0.4x0.2	0.22	16	C0H/CH	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R7DWNA01	0.4x0.2	0.22	16	C0H/CH	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R8BWNA01	0.4x0.2	0.22	16	C0H/CH	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R8CWNA01	0.4x0.2	0.22	16	C0H/CH	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R8DWNA01	0.4x0.2	0.22	16	C0H/CH	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R9BWNA01	0.4x0.2	0.22	16	C0H/CH	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R9CWNA01	0.4x0.2	0.22	16	C0H/CH	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH7R9DWNA01	0.4x0.2	0.22	16	C0H/CH	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH080BWNA01	0.4x0.2	0.22	16	C0H/CH	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH080CWNA01	0.4x0.2	0.22	16	C0H/CH	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH080DWNA01	0.4x0.2	0.22	16	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R1BWNA01	0.4x0.2	0.22	16	C0H/CH	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R1CWNA01	0.4x0.2	0.22	16	C0H/CH	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R1DWNA01	0.4x0.2	0.22	16	C0H/CH	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R2BWNA01	0.4x0.2	0.22	16	C0H/CH	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R2CWNA01	0.4x0.2	0.22	16	C0H/CH	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R2DWNA01	0.4x0.2	0.22	16	C0H/CH	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R3BWNA01	0.4x0.2	0.22	16	C0H/CH	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R3CWNA01	0.4x0.2	0.22	16	C0H/CH	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R3DWNA01	0.4x0.2	0.22	16	C0H/CH	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R4BWNA01	0.4x0.2	0.22	16	C0H/CH	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R4CWNA01	0.4x0.2	0.22	16	C0H/CH	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R4DWNA01	0.4x0.2	0.22	16	C0H/CH	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R5BWNA01	0.4x0.2	0.22	16	C0H/CH	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R5CWNA01	0.4x0.2	0.22	16	C0H/CH	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R5DWNA01	0.4x0.2	0.22	16	C0H/CH	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R6BWNA01	0.4x0.2	0.22	16	C0H/CH	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R6CWNA01	0.4x0.2	0.22	16	C0H/CH	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R6DWNA01	0.4x0.2	0.22	16	C0H/CH	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R7BWNA01	0.4x0.2	0.22	16	C0H/CH	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R7CWNA01	0.4x0.2	0.22	16	C0H/CH	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R7DWNA01	0.4x0.2	0.22	16	C0H/CH	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R8BWNA01	0.4x0.2	0.22	16	C0H/CH	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R8CWNA01	0.4x0.2	0.22	16	C0H/CH	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R8DWNA01	0.4x0.2	0.22	16	C0H/CH	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R9BWNA01	0.4x0.2	0.22	16	C0H/CH	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R9CWNA01	0.4x0.2	0.22	16	C0H/CH	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH8R9DWNA01	0.4x0.2	0.22	16	C0H/CH	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH090BWNA01	0.4x0.2	0.22	16	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH090CWNA01	0.4x0.2	0.22	16	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH090DWNA01	0.4x0.2	0.22	16	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R1BWNA01	0.4x0.2	0.22	16	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R1CWNA01	0.4x0.2	0.22	16	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R1DWNA01	0.4x0.2	0.22	16	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R2BWNA01	0.4x0.2	0.22	16	C0H/CH	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R2CWNA01	0.4x0.2	0.22	16	C0H/CH	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R2DWNA01	0.4x0.2	0.22	16	C0H/CH	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R3BWNA01	0.4x0.2	0.22	16	C0H/CH	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R3CWNA01	0.4x0.2	0.22	16	C0H/CH	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R3DWNA01	0.4x0.2	0.22	16	C0H/CH	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R4BWNA01	0.4x0.2	0.22	16	C0H/CH	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R4CWNA01	0.4x0.2	0.22	16	C0H/CH	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R4DWNA01	0.4x0.2	0.22	16	C0H/CH	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R5BWNA01	0.4x0.2	0.22	16	C0H/CH	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R5CWNA01	0.4x0.2	0.22	16	C0H/CH	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R5DWNA01	0.4x0.2	0.22	16	C0H/CH	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R6BWNA01	0.4x0.2	0.22	16	C0H/CH	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASE042SCH9R6CWNA01	0.4x0.2	0.22	16	C0H/CH	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R6DWNA01	0.4x0.2	0.22	16	C0H/CH	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R7BWNA01	0.4x0.2	0.22	16	C0H/CH	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R7CWNA01	0.4x0.2	0.22	16	C0H/CH	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R7DWNA01	0.4x0.2	0.22	16	C0H/CH	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R8BWNA01	0.4x0.2	0.22	16	C0H/CH	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R8CWNA01	0.4x0.2	0.22	16	C0H/CH	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R8DWNA01	0.4x0.2	0.22	16	C0H/CH	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R9BWNA01	0.4x0.2	0.22	16	C0H/CH	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R9CWNA01	0.4x0.2	0.22	16	C0H/CH	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH9R9DWNA01	0.4x0.2	0.22	16	C0H/CH	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH100DWNA01	0.4x0.2	0.22	16	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH110JWNA01	0.4x0.2	0.22	16	C0H/CH	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH120JWNA01	0.4x0.2	0.22	16	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH130JWNA01	0.4x0.2	0.22	16	C0H/CH	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH150JWNA01	0.4x0.2	0.22	16	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH160JWNA01	0.4x0.2	0.22	16	C0H/CH	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH180JWNA01	0.4x0.2	0.22	16	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH200JWNA01	0.4x0.2	0.22	16	C0H/CH	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH220JWNA01	0.4x0.2	0.22	16	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH240JWNA01	0.4x0.2	0.22	16	C0H/CH	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH270JWNA01	0.4x0.2	0.22	16	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH300JWNA01	0.4x0.2	0.22	16	C0H/CH	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH330JWNA01	0.4x0.2	0.22	16	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH360JWNA01	0.4x0.2	0.22	16	C0H/CH	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH390JWNA01	0.4x0.2	0.22	16	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH430JWNA01	0.4x0.2	0.22	16	C0H/CH	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH470JWNA01	0.4x0.2	0.22	16	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH510JWNA01	0.4x0.2	0.22	16	C0H/CH	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH560JWNA01	0.4x0.2	0.22	16	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH620JWNA01	0.4x0.2	0.22	16	C0H/CH	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH680JWNA01	0.4x0.2	0.22	16	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH750JWNA01	0.4x0.2	0.22	16	C0H/CH	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH820JWNA01	0.4x0.2	0.22	16	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH910JWNA01	0.4x0.2	0.22	16	C0H/CH	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH101JWNA01	0.4x0.2	0.22	16	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH221JWNA01	0.4x0.2	0.22	16	C0H/CH	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH241JWNA01	0.4x0.2	0.22	16	C0H/CH	240 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH271JWNA01	0.4x0.2	0.22	16	C0H/CH	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASE042SCH331JWNA01	0.4x0.2	0.22	16	C0H/CH	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R3BFNA01	0.6x0.3	0.33	50	C0G/CG	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R3CFNA01	0.6x0.3	0.33	50	C0G/CG	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R5BFNA01	0.6x0.3	0.33	50	C0G/CG	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R5CFNA01	0.6x0.3	0.33	50	C0G/CG	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R7BFNA01	0.6x0.3	0.33	50	C0G/CG	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R7CFNA01	0.6x0.3	0.33	50	C0G/CG	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R8BFNA01	0.6x0.3	0.33	50	C0G/CG	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R8CFNA01	0.6x0.3	0.33	50	C0G/CG	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R9BFNA01	0.6x0.3	0.33	50	C0G/CG	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG0R9CFNA01	0.6x0.3	0.33	50	C0G/CG	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG010BFNA01	0.6x0.3	0.33	50	C0G/CG	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG010CFNA01	0.6x0.3	0.33	50	C0G/CG	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R1BFNA01	0.6x0.3	0.33	50	C0G/CG	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R1CFNA01	0.6x0.3	0.33	50	C0G/CG	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R2BFNA01	0.6x0.3	0.33	50	C0G/CG	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R2CFNA01	0.6x0.3	0.33	50	C0G/CG	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R3BFNA01	0.6x0.3	0.33	50	C0G/CG	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R3CFNA01	0.6x0.3	0.33	50	C0G/CG	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R5BFNA01	0.6x0.3	0.33	50	C0G/CG	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R5CFNA01	0.6x0.3	0.33	50	C0G/CG	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R6BFNA01	0.6x0.3	0.33	50	C0G/CG	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R6CFNA01	0.6x0.3	0.33	50	C0G/CG	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R8BFNA01	0.6x0.3	0.33	50	C0G/CG	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG1R8CFNA01	0.6x0.3	0.33	50	C0G/CG	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG020BFNA01	0.6x0.3	0.33	50	C0G/CG	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG020CFNA01	0.6x0.3	0.33	50	C0G/CG	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG2R2BFNA01	0.6x0.3	0.33	50	C0G/CG	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG2R2CFNA01	0.6x0.3	0.33	50	C0G/CG	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG2R4BFNA01	0.6x0.3	0.33	50	C0G/CG	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG2R4CFNA01	0.6x0.3	0.33	50	C0G/CG	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASU063SCG2R7BFNA01	0.6x0.3	0.33	50	C0G/CG	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG2R7CFNA01	0.6x0.3	0.33	50	C0G/CG	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG030BFNA01	0.6x0.3	0.33	50	C0G/CG	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG030CFNA01	0.6x0.3	0.33	50	C0G/CG	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R3BFNA01	0.6x0.3	0.33	50	C0G/CG	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R3CFNA01	0.6x0.3	0.33	50	C0G/CG	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R6BFNA01	0.6x0.3	0.33	50	C0G/CG	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R6CFNA01	0.6x0.3	0.33	50	C0G/CG	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R9BFNA01	0.6x0.3	0.33	50	C0G/CG	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG3R9CFNA01	0.6x0.3	0.33	50	C0G/CG	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG040BFNA01	0.6x0.3	0.33	50	C0G/CG	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG040CFNA01	0.6x0.3	0.33	50	C0G/CG	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG4R3BFNA01	0.6x0.3	0.33	50	C0G/CG	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG4R3CFNA01	0.6x0.3	0.33	50	C0G/CG	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG4R7BFNA01	0.6x0.3	0.33	50	C0G/CG	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG4R7CFNA01	0.6x0.3	0.33	50	C0G/CG	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG050BFNA01	0.6x0.3	0.33	50	C0G/CG	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG050CFNA01	0.6x0.3	0.33	50	C0G/CG	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R1BFNA01	0.6x0.3	0.33	50	C0G/CG	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R1CFNA01	0.6x0.3	0.33	50	C0G/CG	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R1DFNA01	0.6x0.3	0.33	50	C0G/CG	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R6BFNA01	0.6x0.3	0.33	50	C0G/CG	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R6CFNA01	0.6x0.3	0.33	50	C0G/CG	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG5R6DFNA01	0.6x0.3	0.33	50	C0G/CG	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG060BFNA01	0.6x0.3	0.33	50	C0G/CG	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG060CFNA01	0.6x0.3	0.33	50	C0G/CG	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG060DFNA01	0.6x0.3	0.33	50	C0G/CG	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R2BFNA01	0.6x0.3	0.33	50	C0G/CG	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R2CFNA01	0.6x0.3	0.33	50	C0G/CG	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R2DFNA01	0.6x0.3	0.33	50	C0G/CG	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R8BFNA01	0.6x0.3	0.33	50	C0G/CG	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R8CFNA01	0.6x0.3	0.33	50	C0G/CG	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG6R8DFNA01	0.6x0.3	0.33	50	C0G/CG	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG070BFNA01	0.6x0.3	0.33	50	C0G/CG	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG070CFNA01	0.6x0.3	0.33	50	C0G/CG	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG070DFNA01	0.6x0.3	0.33	50	C0G/CG	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG7R5BFNA01	0.6x0.3	0.33	50	C0G/CG	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG7R5CFNA01	0.6x0.3	0.33	50	C0G/CG	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG7R5DFNA01	0.6x0.3	0.33	50	C0G/CG	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG080BFNA01	0.6x0.3	0.33	50	C0G/CG	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG080CFNA01	0.6x0.3	0.33	50	C0G/CG	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG080DFNA01	0.6x0.3	0.33	50	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG8R2BFNA01	0.6x0.3	0.33	50	C0G/CG	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG8R2CFNA01	0.6x0.3	0.33	50	C0G/CG	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG8R2DFNA01	0.6x0.3	0.33	50	C0G/CG	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG090BFNA01	0.6x0.3	0.33	50	C0G/CG	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG090CFNA01	0.6x0.3	0.33	50	C0G/CG	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG090DFNA01	0.6x0.3	0.33	50	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG9R1BFNA01	0.6x0.3	0.33	50	C0G/CG	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG9R1CFNA01	0.6x0.3	0.33	50	C0G/CG	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG9R1DFNA01	0.6x0.3	0.33	50	C0G/CG	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG100DFNA01	0.6x0.3	0.33	50	C0G/CG	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG100JFNA01	0.6x0.3	0.33	50	C0G/CG	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG110JFNA01	0.6x0.3	0.33	50	C0G/CG	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG120JFNA01	0.6x0.3	0.33	50	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG130JFNA01	0.6x0.3	0.33	50	C0G/CG	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG150JFNA01	0.6x0.3	0.33	50	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG160JFNA01	0.6x0.3	0.33	50	C0G/CG	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG180JFNA01	0.6x0.3	0.33	50	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG200JFNA01	0.6x0.3	0.33	50	C0G/CG	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG220JFNA01	0.6x0.3	0.33	50	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG240JFNA01	0.6x0.3	0.33	50	C0G/CG	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG270JFNA01	0.6x0.3	0.33	50	C0G/CG	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG300JFNA01	0.6x0.3	0.33	50	C0G/CG	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG330JFNA01	0.6x0.3	0.33	50	C0G/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG360JFNA01	0.6x0.3	0.33	50	C0G/CG	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG390JFNA01	0.6x0.3	0.33	50	C0G/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG430JFNA01	0.6x0.3	0.33	50	C0G/CG	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG470JFNA01	0.6x0.3	0.33	50	C0G/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG510JFNA01	0.6x0.3	0.33	50	C0G/CG	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASU063SCG560JFNA01	0.6x0.3	0.33	50	C0G/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG620JFNA01	0.6x0.3	0.33	50	C0G/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG680JFNA01	0.6x0.3	0.33	50	C0G/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG750JFNA01	0.6x0.3	0.33	50	C0G/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG820JFNA01	0.6x0.3	0.33	50	C0G/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG910JFNA01	0.6x0.3	0.33	50	C0G/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG101JFNA01	0.6x0.3	0.33	50	C0G/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG111JFNA01	0.6x0.3	0.33	50	C0G/CG	110 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG121JFNA01	0.6x0.3	0.33	50	C0G/CG	120 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG131JFNA01	0.6x0.3	0.33	50	C0G/CG	130 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG151JFNA01	0.6x0.3	0.33	50	C0G/CG	150 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG181JFNA01	0.6x0.3	0.33	50	C0G/CG	180 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG201JFNA01	0.6x0.3	0.33	50	C0G/CG	200 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCG221JFNA01	0.6x0.3	0.33	50	C0G/CG	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R3BFNA01	0.6x0.3	0.33	25	C0G/CG	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R3CFNA01	0.6x0.3	0.33	25	C0G/CG	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R5BFNA01	0.6x0.3	0.33	25	C0G/CG	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R5CFNA01	0.6x0.3	0.33	25	C0G/CG	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R7BFNA01	0.6x0.3	0.33	25	C0G/CG	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R7CFNA01	0.6x0.3	0.33	25	C0G/CG	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R8BFNA01	0.6x0.3	0.33	25	C0G/CG	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R8CFNA01	0.6x0.3	0.33	25	C0G/CG	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R9BFNA01	0.6x0.3	0.33	25	C0G/CG	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG0R9CFNA01	0.6x0.3	0.33	25	C0G/CG	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG010BFNA01	0.6x0.3	0.33	25	C0G/CG	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG010CFNA01	0.6x0.3	0.33	25	C0G/CG	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R1BFNA01	0.6x0.3	0.33	25	C0G/CG	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R1CFNA01	0.6x0.3	0.33	25	C0G/CG	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R2BFNA01	0.6x0.3	0.33	25	C0G/CG	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R2CFNA01	0.6x0.3	0.33	25	C0G/CG	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R3BFNA01	0.6x0.3	0.33	25	C0G/CG	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R3CFNA01	0.6x0.3	0.33	25	C0G/CG	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R5BFNA01	0.6x0.3	0.33	25	C0G/CG	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R5CFNA01	0.6x0.3	0.33	25	C0G/CG	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R6BFNA01	0.6x0.3	0.33	25	C0G/CG	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R6CFNA01	0.6x0.3	0.33	25	C0G/CG	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R8BFNA01	0.6x0.3	0.33	25	C0G/CG	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG1R8CFNA01	0.6x0.3	0.33	25	C0G/CG	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG020BFNA01	0.6x0.3	0.33	25	C0G/CG	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG020CFNA01	0.6x0.3	0.33	25	C0G/CG	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R2BFNA01	0.6x0.3	0.33	25	C0G/CG	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R2CFNA01	0.6x0.3	0.33	25	C0G/CG	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R4BFNA01	0.6x0.3	0.33	25	C0G/CG	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R4CFNA01	0.6x0.3	0.33	25	C0G/CG	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R7BFNA01	0.6x0.3	0.33	25	C0G/CG	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG2R7CFNA01	0.6x0.3	0.33	25	C0G/CG	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG030BFNA01	0.6x0.3	0.33	25	C0G/CG	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG030CFNA01	0.6x0.3	0.33	25	C0G/CG	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R3BFNA01	0.6x0.3	0.33	25	C0G/CG	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R3CFNA01	0.6x0.3	0.33	25	C0G/CG	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R6BFNA01	0.6x0.3	0.33	25	C0G/CG	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R6CFNA01	0.6x0.3	0.33	25	C0G/CG	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R9BFNA01	0.6x0.3	0.33	25	C0G/CG	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG3R9CFNA01	0.6x0.3	0.33	25	C0G/CG	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG040BFNA01	0.6x0.3	0.33	25	C0G/CG	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG040CFNA01	0.6x0.3	0.33	25	C0G/CG	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG4R3BFNA01	0.6x0.3	0.33	25	C0G/CG	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG4R3CFNA01	0.6x0.3	0.33	25	C0G/CG	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG4R7BFNA01	0.6x0.3	0.33	25	C0G/CG	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG4R7CFNA01	0.6x0.3	0.33	25	C0G/CG	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG050BFNA01	0.6x0.3	0.33	25	C0G/CG	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG050CFNA01	0.6x0.3	0.33	25	C0G/CG	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R1BFNA01	0.6x0.3	0.33	25	C0G/CG	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R1CFNA01	0.6x0.3	0.33	25	C0G/CG	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R1DFNA01	0.6x0.3	0.33	25	C0G/CG	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R6BFNA01	0.6x0.3	0.33	25	C0G/CG	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R6CFNA01	0.6x0.3	0.33	25	C0G/CG	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG5R6DFNA01	0.6x0.3	0.33	25	C0G/CG	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG060BFNA01	0.6x0.3	0.33	25	C0G/CG	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG060CFNA01	0.6x0.3	0.33	25	C0G/CG	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST063SCG060DFNA01	0.6x0.3	0.33	25	C0G/CG	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R2BFNA01	0.6x0.3	0.33	25	C0G/CG	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R2CFNA01	0.6x0.3	0.33	25	C0G/CG	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R2DFNA01	0.6x0.3	0.33	25	C0G/CG	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R8BFNA01	0.6x0.3	0.33	25	C0G/CG	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R8CFNA01	0.6x0.3	0.33	25	C0G/CG	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG6R8DFNA01	0.6x0.3	0.33	25	C0G/CG	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG070BFNA01	0.6x0.3	0.33	25	C0G/CG	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG070CFNA01	0.6x0.3	0.33	25	C0G/CG	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG070DFNA01	0.6x0.3	0.33	25	C0G/CG	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG7R5BFNA01	0.6x0.3	0.33	25	C0G/CG	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG7R5CFNA01	0.6x0.3	0.33	25	C0G/CG	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG7R5DFNA01	0.6x0.3	0.33	25	C0G/CG	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG080BFNA01	0.6x0.3	0.33	25	C0G/CG	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG080CFNA01	0.6x0.3	0.33	25	C0G/CG	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG080DFNA01	0.6x0.3	0.33	25	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG8R2BFNA01	0.6x0.3	0.33	25	C0G/CG	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG8R2CFNA01	0.6x0.3	0.33	25	C0G/CG	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG8R2DFNA01	0.6x0.3	0.33	25	C0G/CG	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG090BFNA01	0.6x0.3	0.33	25	C0G/CG	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG090CFNA01	0.6x0.3	0.33	25	C0G/CG	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG090DFNA01	0.6x0.3	0.33	25	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG9R1BFNA01	0.6x0.3	0.33	25	C0G/CG	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG9R1CFNA01	0.6x0.3	0.33	25	C0G/CG	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG9R1DFNA01	0.6x0.3	0.33	25	C0G/CG	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG100DFNA01	0.6x0.3	0.33	25	C0G/CG	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG100JFNA01	0.6x0.3	0.33	25	C0G/CG	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG110JFNA01	0.6x0.3	0.33	25	C0G/CG	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG120JFNA01	0.6x0.3	0.33	25	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG130JFNA01	0.6x0.3	0.33	25	C0G/CG	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG150JFNA01	0.6x0.3	0.33	25	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG160JFNA01	0.6x0.3	0.33	25	C0G/CG	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG180JFNA01	0.6x0.3	0.33	25	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG200JFNA01	0.6x0.3	0.33	25	C0G/CG	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG220JFNA01	0.6x0.3	0.33	25	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG240JFNA01	0.6x0.3	0.33	25	C0G/CG	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG270JFNA01	0.6x0.3	0.33	25	C0G/CG	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG300JFNA01	0.6x0.3	0.33	25	C0G/CG	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG330JFNA01	0.6x0.3	0.33	25	C0G/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG360JFNA01	0.6x0.3	0.33	25	C0G/CG	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG390JFNA01	0.6x0.3	0.33	25	C0G/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG430JFNA01	0.6x0.3	0.33	25	C0G/CG	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG470JFNA01	0.6x0.3	0.33	25	C0G/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG510JFNA01	0.6x0.3	0.33	25	C0G/CG	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG560JFNA01	0.6x0.3	0.33	25	C0G/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG620JFNA01	0.6x0.3	0.33	25	C0G/CG	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG680JFNA01	0.6x0.3	0.33	25	C0G/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG750JFNA01	0.6x0.3	0.33	25	C0G/CG	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG820JFNA01	0.6x0.3	0.33	25	C0G/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG910JFNA01	0.6x0.3	0.33	25	C0G/CG	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG101JFNA01	0.6x0.3	0.33	25	C0G/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG111JFNA01	0.6x0.3	0.33	25	C0G/CG	110 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG121JFNA01	0.6x0.3	0.33	25	C0G/CG	120 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG131JFNA01	0.6x0.3	0.33	25	C0G/CG	130 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG151JFNA01	0.6x0.3	0.33	25	C0G/CG	150 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG181JFNA01	0.6x0.3	0.33	25	C0G/CG	180 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG201JFNA01	0.6x0.3	0.33	25	C0G/CG	200 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG221JFNA01	0.6x0.3	0.33	25	C0G/CG	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG241JFNA01	0.6x0.3	0.33	25	C0G/CG	240 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG271JFNA01	0.6x0.3	0.33	25	C0G/CG	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG301JFNA01	0.6x0.3	0.33	25	C0G/CG	300 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG331JFNA01	0.6x0.3	0.33	25	C0G/CG	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG361JFNA01	0.6x0.3	0.33	25	C0G/CG	360 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG391JFNA01	0.6x0.3	0.33	25	C0G/CG	390 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG431JFNA01	0.6x0.3	0.33	25	C0G/CG	430 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG471JFNA01	0.6x0.3	0.33	25	C0G/CG	470 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG511JFNA01	0.6x0.3	0.33	25	C0G/CG	510 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG561JFNA01	0.6x0.3	0.33	25	C0G/CG	560 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG621JFNA01	0.6x0.3	0.33	25	C0G/CG	620 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG681JFNA01	0.6x0.3	0.33	25	C0G/CG	680 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST063SCG751JFNA01	0.6x0.3	0.33	25	C0G/CG	750 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG821JFNA01	0.6x0.3	0.33	25	C0G/CG	820 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG911JFNA01	0.6x0.3	0.33	25	C0G/CG	910 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCG102JFNA01	0.6x0.3	0.33	25	C0G/CG	1000 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R3BFNA01	0.6x0.3	0.33	50	C0K/CK	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R3CFNA01	0.6x0.3	0.33	50	C0K/CK	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R5BFNA01	0.6x0.3	0.33	50	C0K/CK	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R5CFNA01	0.6x0.3	0.33	50	C0K/CK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R7BFNA01	0.6x0.3	0.33	50	C0K/CK	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R7CFNA01	0.6x0.3	0.33	50	C0K/CK	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R8BFNA01	0.6x0.3	0.33	50	C0K/CK	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R8CFNA01	0.6x0.3	0.33	50	C0K/CK	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R9BFNA01	0.6x0.3	0.33	50	C0K/CK	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK0R9CFNA01	0.6x0.3	0.33	50	C0K/CK	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK10BFNA01	0.6x0.3	0.33	50	C0K/CK	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK10CFNA01	0.6x0.3	0.33	50	C0K/CK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R1BFNA01	0.6x0.3	0.33	50	C0K/CK	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R1CFNA01	0.6x0.3	0.33	50	C0K/CK	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R2BFNA01	0.6x0.3	0.33	50	C0K/CK	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R2CFNA01	0.6x0.3	0.33	50	C0K/CK	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R3BFNA01	0.6x0.3	0.33	50	C0K/CK	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R3CFNA01	0.6x0.3	0.33	50	C0K/CK	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R5BFNA01	0.6x0.3	0.33	50	C0K/CK	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R5CFNA01	0.6x0.3	0.33	50	C0K/CK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R6BFNA01	0.6x0.3	0.33	50	C0K/CK	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R6CFNA01	0.6x0.3	0.33	50	C0K/CK	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R8BFNA01	0.6x0.3	0.33	50	C0K/CK	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK1R8CFNA01	0.6x0.3	0.33	50	C0K/CK	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK20BFNA01	0.6x0.3	0.33	50	C0K/CK	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK20CFNA01	0.6x0.3	0.33	50	C0K/CK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R2BFNA01	0.6x0.3	0.33	50	C0K/CK	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R2CFNA01	0.6x0.3	0.33	50	C0K/CK	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R4BFNA01	0.6x0.3	0.33	50	C0K/CK	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R4CFNA01	0.6x0.3	0.33	50	C0K/CK	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R7BFNA01	0.6x0.3	0.33	50	C0K/CK	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCK2R7CFNA01	0.6x0.3	0.33	50	C0K/CK	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ030BFNA01	0.6x0.3	0.33	50	C0J/CJ	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ030CFNA01	0.6x0.3	0.33	50	C0J/CJ	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R3BFNA01	0.6x0.3	0.33	50	C0J/CJ	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R3CFNA01	0.6x0.3	0.33	50	C0J/CJ	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R6BFNA01	0.6x0.3	0.33	50	C0J/CJ	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R6CFNA01	0.6x0.3	0.33	50	C0J/CJ	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R9BFNA01	0.6x0.3	0.33	50	C0J/CJ	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCJ3R9CFNA01	0.6x0.3	0.33	50	C0J/CJ	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH040BFNA01	0.6x0.3	0.33	50	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH040CFNA01	0.6x0.3	0.33	50	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH4R3BFNA01	0.6x0.3	0.33	50	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH4R3CFNA01	0.6x0.3	0.33	50	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH4R7BFNA01	0.6x0.3	0.33	50	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH4R7CFNA01	0.6x0.3	0.33	50	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH050BFNA01	0.6x0.3	0.33	50	C0H/CH	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH050CFNA01	0.6x0.3	0.33	50	C0H/CH	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R1BFNA01	0.6x0.3	0.33	50	C0H/CH	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R1CFNA01	0.6x0.3	0.33	50	C0H/CH	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R1DFNA01	0.6x0.3	0.33	50	C0H/CH	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R6BFNA01	0.6x0.3	0.33	50	C0H/CH	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R6CFNA01	0.6x0.3	0.33	50	C0H/CH	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH5R6DFNA01	0.6x0.3	0.33	50	C0H/CH	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH060BFNA01	0.6x0.3	0.33	50	C0H/CH	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH060CFNA01	0.6x0.3	0.33	50	C0H/CH	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH060DFNA01	0.6x0.3	0.33	50	C0H/CH	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R2BFNA01	0.6x0.3	0.33	50	C0H/CH	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R2CFNA01	0.6x0.3	0.33	50	C0H/CH	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R2DFNA01	0.6x0.3	0.33	50	C0H/CH	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R8BFNA01	0.6x0.3	0.33	50	C0H/CH	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R8CFNA01	0.6x0.3	0.33	50	C0H/CH	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH6R8DFNA01	0.6x0.3	0.33	50	C0H/CH	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH070BFNA01	0.6x0.3	0.33	50	C0H/CH	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH070CFNA01	0.6x0.3	0.33	50	C0H/CH	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH070DFNA01	0.6x0.3	0.33	50	C0H/CH	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASU063SCH7R5BFNA01	0.6x0.3	0.33	50	C0H/CH	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH7R5CFNA01	0.6x0.3	0.33	50	C0H/CH	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH7R5DFNA01	0.6x0.3	0.33	50	C0H/CH	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH080BFNA01	0.6x0.3	0.33	50	C0H/CH	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH080CFNA01	0.6x0.3	0.33	50	C0H/CH	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH080DFNA01	0.6x0.3	0.33	50	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH8R2BFNA01	0.6x0.3	0.33	50	C0H/CH	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH8R2CFNA01	0.6x0.3	0.33	50	C0H/CH	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH8R2DFNA01	0.6x0.3	0.33	50	C0H/CH	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH090BFNA01	0.6x0.3	0.33	50	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH090CFNA01	0.6x0.3	0.33	50	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH090DFNA01	0.6x0.3	0.33	50	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH9R1BFNA01	0.6x0.3	0.33	50	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH9R1CFNA01	0.6x0.3	0.33	50	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH9R1DFNA01	0.6x0.3	0.33	50	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH100DFNA01	0.6x0.3	0.33	50	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH100JFNA01	0.6x0.3	0.33	50	C0H/CH	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH110JFNA01	0.6x0.3	0.33	50	C0H/CH	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH120JFNA01	0.6x0.3	0.33	50	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH130JFNA01	0.6x0.3	0.33	50	C0H/CH	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH150JFNA01	0.6x0.3	0.33	50	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH160JFNA01	0.6x0.3	0.33	50	C0H/CH	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH180JFNA01	0.6x0.3	0.33	50	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH200JFNA01	0.6x0.3	0.33	50	C0H/CH	20 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH220JFNA01	0.6x0.3	0.33	50	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH240JFNA01	0.6x0.3	0.33	50	C0H/CH	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH270JFNA01	0.6x0.3	0.33	50	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH300JFNA01	0.6x0.3	0.33	50	C0H/CH	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH330JFNA01	0.6x0.3	0.33	50	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH360JFNA01	0.6x0.3	0.33	50	C0H/CH	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH390JFNA01	0.6x0.3	0.33	50	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH430JFNA01	0.6x0.3	0.33	50	C0H/CH	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH470JFNA01	0.6x0.3	0.33	50	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH510JFNA01	0.6x0.3	0.33	50	C0H/CH	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH560JFNA01	0.6x0.3	0.33	50	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH620JFNA01	0.6x0.3	0.33	50	C0H/CH	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH680JFNA01	0.6x0.3	0.33	50	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH750JFNA01	0.6x0.3	0.33	50	C0H/CH	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH820JFNA01	0.6x0.3	0.33	50	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH910JFNA01	0.6x0.3	0.33	50	C0H/CH	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH101JFNA01	0.6x0.3	0.33	50	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH111JFNA01	0.6x0.3	0.33	50	C0H/CH	110 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH121JFNA01	0.6x0.3	0.33	50	C0H/CH	120 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH131JFNA01	0.6x0.3	0.33	50	C0H/CH	130 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH151JFNA01	0.6x0.3	0.33	50	C0H/CH	150 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH181JFNA01	0.6x0.3	0.33	50	C0H/CH	180 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH201JFNA01	0.6x0.3	0.33	50	C0H/CH	200 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU063SCH221JFNA01	0.6x0.3	0.33	50	C0H/CH	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R3BFNA01	0.6x0.3	0.33	25	C0K/CK	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R3CFNA01	0.6x0.3	0.33	25	C0K/CK	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R5BFNA01	0.6x0.3	0.33	25	C0K/CK	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R5CFNA01	0.6x0.3	0.33	25	C0K/CK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R7BFNA01	0.6x0.3	0.33	25	C0K/CK	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R7CFNA01	0.6x0.3	0.33	25	C0K/CK	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R8BFNA01	0.6x0.3	0.33	25	C0K/CK	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R8CFNA01	0.6x0.3	0.33	25	C0K/CK	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R9BFNA01	0.6x0.3	0.33	25	C0K/CK	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK0R9CFNA01	0.6x0.3	0.33	25	C0K/CK	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK010BFNA01	0.6x0.3	0.33	25	C0K/CK	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK010CFNA01	0.6x0.3	0.33	25	C0K/CK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R1BFNA01	0.6x0.3	0.33	25	C0K/CK	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R1CFNA01	0.6x0.3	0.33	25	C0K/CK	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R2BFNA01	0.6x0.3	0.33	25	C0K/CK	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R2CFNA01	0.6x0.3	0.33	25	C0K/CK	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R3BFNA01	0.6x0.3	0.33	25	C0K/CK	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R3CFNA01	0.6x0.3	0.33	25	C0K/CK	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R5BFNA01	0.6x0.3	0.33	25	C0K/CK	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R5CFNA01	0.6x0.3	0.33	25	C0K/CK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R6BFNA01	0.6x0.3	0.33	25	C0K/CK	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R6CFNA01	0.6x0.3	0.33	25	C0K/CK	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST063SCK1R8BFNA01	0.6x0.3	0.33	25	C0K/CK	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK1R8CFNA01	0.6x0.3	0.33	25	C0K/CK	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK020BFNA01	0.6x0.3	0.33	25	C0K/CK	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK020CFNA01	0.6x0.3	0.33	25	C0K/CK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R2BFNA01	0.6x0.3	0.33	25	C0K/CK	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R2CFNA01	0.6x0.3	0.33	25	C0K/CK	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R4BFNA01	0.6x0.3	0.33	25	C0K/CK	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R4CFNA01	0.6x0.3	0.33	25	C0K/CK	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R7BFNA01	0.6x0.3	0.33	25	C0K/CK	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCK2R7CFNA01	0.6x0.3	0.33	25	C0K/CK	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ030BFNA01	0.6x0.3	0.33	25	C0J/CJ	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ030CFNA01	0.6x0.3	0.33	25	C0J/CJ	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R3BFNA01	0.6x0.3	0.33	25	C0J/CJ	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R3CFNA01	0.6x0.3	0.33	25	C0J/CJ	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R6BFNA01	0.6x0.3	0.33	25	C0J/CJ	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R6CFNA01	0.6x0.3	0.33	25	C0J/CJ	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R9BFNA01	0.6x0.3	0.33	25	C0J/CJ	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCJ3R9CFNA01	0.6x0.3	0.33	25	C0J/CJ	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH040BFNA01	0.6x0.3	0.33	25	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH040CFNA01	0.6x0.3	0.33	25	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH4R3BFNA01	0.6x0.3	0.33	25	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH4R3CFNA01	0.6x0.3	0.33	25	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH4R7BFNA01	0.6x0.3	0.33	25	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH4R7CFNA01	0.6x0.3	0.33	25	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH050BFNA01	0.6x0.3	0.33	25	C0H/CH	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH050CFNA01	0.6x0.3	0.33	25	C0H/CH	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R1BFNA01	0.6x0.3	0.33	25	C0H/CH	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R1CFNA01	0.6x0.3	0.33	25	C0H/CH	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R1DFNA01	0.6x0.3	0.33	25	C0H/CH	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R6BFNA01	0.6x0.3	0.33	25	C0H/CH	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R6CFNA01	0.6x0.3	0.33	25	C0H/CH	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH5R6DFNA01	0.6x0.3	0.33	25	C0H/CH	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH060BFNA01	0.6x0.3	0.33	25	C0H/CH	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH060CFNA01	0.6x0.3	0.33	25	C0H/CH	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH060DFNA01	0.6x0.3	0.33	25	C0H/CH	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R2BFNA01	0.6x0.3	0.33	25	C0H/CH	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R2CFNA01	0.6x0.3	0.33	25	C0H/CH	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R2DFNA01	0.6x0.3	0.33	25	C0H/CH	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R8BFNA01	0.6x0.3	0.33	25	C0H/CH	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R8CFNA01	0.6x0.3	0.33	25	C0H/CH	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH6R8DFNA01	0.6x0.3	0.33	25	C0H/CH	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH070BFNA01	0.6x0.3	0.33	25	C0H/CH	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH070CFNA01	0.6x0.3	0.33	25	C0H/CH	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH070DFNA01	0.6x0.3	0.33	25	C0H/CH	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH7R5BFNA01	0.6x0.3	0.33	25	C0H/CH	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH7R5CFNA01	0.6x0.3	0.33	25	C0H/CH	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH7R5DFNA01	0.6x0.3	0.33	25	C0H/CH	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH080BFNA01	0.6x0.3	0.33	25	C0H/CH	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH080CFNA01	0.6x0.3	0.33	25	C0H/CH	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH080DFNA01	0.6x0.3	0.33	25	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH8R2BFNA01	0.6x0.3	0.33	25	C0H/CH	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH8R2CFNA01	0.6x0.3	0.33	25	C0H/CH	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH8R2DFNA01	0.6x0.3	0.33	25	C0H/CH	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH090BFNA01	0.6x0.3	0.33	25	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH090CFNA01	0.6x0.3	0.33	25	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH090DFNA01	0.6x0.3	0.33	25	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH9R1BFNA01	0.6x0.3	0.33	25	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH9R1CFNA01	0.6x0.3	0.33	25	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH9R1DFNA01	0.6x0.3	0.33	25	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH100DFNA01	0.6x0.3	0.33	25	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH100JFNA01	0.6x0.3	0.33	25	C0H/CH	10 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH110JFNA01	0.6x0.3	0.33	25	C0H/CH	11 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH120JFNA01	0.6x0.3	0.33	25	C0H/CH	12 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH130JFNA01	0.6x0.3	0.33	25	C0H/CH	13 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH150JFNA01	0.6x0.3	0.33	25	C0H/CH	15 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH160JFNA01	0.6x0.3	0.33	25	C0H/CH	16 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH180JFNA01	0.6x0.3	0.33	25	C0H/CH	18 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH200JFNA01	0.6x0.3	0.33	25	C0H/CH	20 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH220JFNA01	0.6x0.3	0.33	25	C0H/CH	22 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH240JFNA01	0.6x0.3	0.33	25	C0H/CH	24 pF	± 5%	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAST063SCH270JFNA01	0.6x0.3	0.33	25	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH300JFNA01	0.6x0.3	0.33	25	C0H/CH	30 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH330JFNA01	0.6x0.3	0.33	25	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH360JFNA01	0.6x0.3	0.33	25	C0H/CH	36 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH390JFNA01	0.6x0.3	0.33	25	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH430JFNA01	0.6x0.3	0.33	25	C0H/CH	43 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH470JFNA01	0.6x0.3	0.33	25	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH510JFNA01	0.6x0.3	0.33	25	C0H/CH	51 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH560JFNA01	0.6x0.3	0.33	25	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH620JFNA01	0.6x0.3	0.33	25	C0H/CH	62 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH680JFNA01	0.6x0.3	0.33	25	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH750JFNA01	0.6x0.3	0.33	25	C0H/CH	75 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH820JFNA01	0.6x0.3	0.33	25	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH910JFNA01	0.6x0.3	0.33	25	C0H/CH	91 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH101JFNA01	0.6x0.3	0.33	25	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH111JFNA01	0.6x0.3	0.33	25	C0H/CH	110 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH121JFNA01	0.6x0.3	0.33	25	C0H/CH	120 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH131JFNA01	0.6x0.3	0.33	25	C0H/CH	130 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH151JFNA01	0.6x0.3	0.33	25	C0H/CH	150 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH181JFNA01	0.6x0.3	0.33	25	C0H/CH	180 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH201JFNA01	0.6x0.3	0.33	25	C0H/CH	200 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH221JFNA01	0.6x0.3	0.33	25	C0H/CH	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH241JFNA01	0.6x0.3	0.33	25	C0H/CH	240 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH271JFNA01	0.6x0.3	0.33	25	C0H/CH	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH301JFNA01	0.6x0.3	0.33	25	C0H/CH	300 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH331JFNA01	0.6x0.3	0.33	25	C0H/CH	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH361JFNA01	0.6x0.3	0.33	25	C0H/CH	360 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH391JFNA01	0.6x0.3	0.33	25	C0H/CH	390 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH431JFNA01	0.6x0.3	0.33	25	C0H/CH	430 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH471JFNA01	0.6x0.3	0.33	25	C0H/CH	470 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH511JFNA01	0.6x0.3	0.33	25	C0H/CH	510 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH561JFNA01	0.6x0.3	0.33	25	C0H/CH	560 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH621JFNA01	0.6x0.3	0.33	25	C0H/CH	620 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH681JFNA01	0.6x0.3	0.33	25	C0H/CH	680 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH751JFNA01	0.6x0.3	0.33	25	C0H/CH	750 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH821JFNA01	0.6x0.3	0.33	25	C0H/CH	820 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH911JFNA01	0.6x0.3	0.33	25	C0H/CH	910 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSAST063SCH102JFNA01	0.6x0.3	0.33	25	C0H/CH	1000 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG271JFNA01	1.0x0.5	0.55	50	C0G/CG	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG331JFNA01	1.0x0.5	0.55	50	C0G/CG	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG391JFNA01	1.0x0.5	0.55	50	C0G/CG	390 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG471JFNA01	1.0x0.5	0.55	50	C0G/CG	470 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG561JFNA01	1.0x0.5	0.55	50	C0G/CG	560 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG681JFNA01	1.0x0.5	0.55	50	C0G/CG	680 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG821JFNA01	1.0x0.5	0.55	50	C0G/CG	820 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCG102JFNA01	1.0x0.5	0.55	50	C0G/CG	1000 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH271JFNA01	1.0x0.5	0.55	50	C0H/CH	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH331JFNA01	1.0x0.5	0.55	50	C0H/CH	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH391JFNA01	1.0x0.5	0.55	50	C0H/CH	390 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH471JFNA01	1.0x0.5	0.55	50	C0H/CH	470 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH561JFNA01	1.0x0.5	0.55	50	C0H/CH	560 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH681JFNA01	1.0x0.5	0.55	50	C0H/CH	680 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH821JFNA01	1.0x0.5	0.55	50	C0H/CH	820 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SCH102JFNA01	1.0x0.5	0.55	50	C0H/CH	1000 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUK0R5CFNA01	1.0x0.5	0.55	50	U2K/UK	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUK010CFNA01	1.0x0.5	0.55	50	U2K/UK	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUK1R5CFNA01	1.0x0.5	0.55	50	U2K/UK	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUK020CFNA01	1.0x0.5	0.55	50	U2K/UK	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUK030CFNA01	1.0x0.5	0.55	50	U2K/UK	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ040CFNA01	1.0x0.5	0.55	50	U2J/UJ	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ050CFNA01	1.0x0.5	0.55	50	U2J/UJ	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ060DFNA01	1.0x0.5	0.55	50	U2J/UJ	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ070DFNA01	1.0x0.5	0.55	50	U2J/UJ	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ080DFNA01	1.0x0.5	0.55	50	U2J/UJ	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ090DFNA01	1.0x0.5	0.55	50	U2J/UJ	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ100DFNA01	1.0x0.5	0.55	50	U2J/UJ	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ120JFNA01	1.0x0.5	0.55	50	U2J/UJ	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ150JFNA01	1.0x0.5	0.55	50	U2J/UJ	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ180JFNA01	1.0x0.5	0.55	50	U2J/UJ	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ220JFNA01	1.0x0.5	0.55	50	U2J/UJ	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASU105SUJ270JFNA01	1.0x0.5	0.55	50	U2J/UJ	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ330JFNA01	1.0x0.5	0.55	50	U2J/UJ	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ390JFNA01	1.0x0.5	0.55	50	U2J/UJ	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ470JFNA01	1.0x0.5	0.55	50	U2J/UJ	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ560JFNA01	1.0x0.5	0.55	50	U2J/UJ	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ680JFNA01	1.0x0.5	0.55	50	U2J/UJ	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ820JFNA01	1.0x0.5	0.55	50	U2J/UJ	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ101JFNA01	1.0x0.5	0.55	50	U2J/UJ	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ121JFNA01	1.0x0.5	0.55	50	U2J/UJ	120 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ151JFNA01	1.0x0.5	0.55	50	U2J/UJ	150 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ181JFNA01	1.0x0.5	0.55	50	U2J/UJ	180 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ221JFNA01	1.0x0.5	0.55	50	U2J/UJ	220 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ271JFNA01	1.0x0.5	0.55	50	U2J/UJ	270 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASU105SUJ331JFNA01	1.0x0.5	0.55	50	U2J/UJ	330 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)











Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSARE021SCG9R4CWRA01	0.25x0.125	0.138	16	C0G/CG	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R4DWRA01	0.25x0.125	0.138	16	C0G/CG	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R5BWRA01	0.25x0.125	0.138	16	C0G/CG	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R5CWRA01	0.25x0.125	0.138	16	C0G/CG	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R5DWRA01	0.25x0.125	0.138	16	C0G/CG	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R6BWRA01	0.25x0.125	0.138	16	C0G/CG	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R6CWRA01	0.25x0.125	0.138	16	C0G/CG	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R6DWRA01	0.25x0.125	0.138	16	C0G/CG	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R7BWRA01	0.25x0.125	0.138	16	C0G/CG	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R7CWRA01	0.25x0.125	0.138	16	C0G/CG	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R7DWRA01	0.25x0.125	0.138	16	C0G/CG	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R8BWRA01	0.25x0.125	0.138	16	C0G/CG	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R8CWRA01	0.25x0.125	0.138	16	C0G/CG	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R8DWRA01	0.25x0.125	0.138	16	C0G/CG	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R9BWRA01	0.25x0.125	0.138	16	C0G/CG	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R9CWRA01	0.25x0.125	0.138	16	C0G/CG	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG9R9DWRA01	0.25x0.125	0.138	16	C0G/CG	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG100GWRA01	0.25x0.125	0.138	16	C0G/CG	10 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCG100JWRA01	0.25x0.125	0.138	16	C0G/CG	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R2AWRA01	0.25x0.125	0.138	25	C0H/CH	0.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R2BWRA01	0.25x0.125	0.138	25	C0H/CH	0.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R2CWRA01	0.25x0.125	0.138	25	C0H/CH	0.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R3AWRA01	0.25x0.125	0.138	25	C0H/CH	0.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R3BWRA01	0.25x0.125	0.138	25	C0H/CH	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R3CWRA01	0.25x0.125	0.138	25	C0H/CH	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R4AWRA01	0.25x0.125	0.138	25	C0H/CH	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R4BWRA01	0.25x0.125	0.138	25	C0H/CH	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R4CWRA01	0.25x0.125	0.138	25	C0H/CH	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R5AWRA01	0.25x0.125	0.138	25	C0H/CH	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R5BWRA01	0.25x0.125	0.138	25	C0H/CH	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R5CWRA01	0.25x0.125	0.138	25	C0H/CH	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R6AWRA01	0.25x0.125	0.138	25	C0H/CH	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R6BWRA01	0.25x0.125	0.138	25	C0H/CH	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R6CWRA01	0.25x0.125	0.138	25	C0H/CH	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R7AWRA01	0.25x0.125	0.138	25	C0H/CH	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R7BWRA01	0.25x0.125	0.138	25	C0H/CH	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R7CWRA01	0.25x0.125	0.138	25	C0H/CH	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCHR75AWRA01	0.25x0.125	0.138	25	C0H/CH	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCHR75BWRA01	0.25x0.125	0.138	25	C0H/CH	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCHR75CWRA01	0.25x0.125	0.138	25	C0H/CH	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R8AWRA01	0.25x0.125	0.138	25	C0H/CH	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R8BWRA01	0.25x0.125	0.138	25	C0H/CH	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R8CWRA01	0.25x0.125	0.138	25	C0H/CH	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R9AWRA01	0.25x0.125	0.138	25	C0H/CH	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R9BWRA01	0.25x0.125	0.138	25	C0H/CH	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH0R9CWRA01	0.25x0.125	0.138	25	C0H/CH	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH010AWRA01	0.25x0.125	0.138	25	C0H/CH	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH010BWRA01	0.25x0.125	0.138	25	C0H/CH	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH010CWRA01	0.25x0.125	0.138	25	C0H/CH	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R1AWRA01	0.25x0.125	0.138	25	C0H/CH	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R1BWRA01	0.25x0.125	0.138	25	C0H/CH	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R1CWRA01	0.25x0.125	0.138	25	C0H/CH	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R2AWRA01	0.25x0.125	0.138	25	C0H/CH	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R2BWRA01	0.25x0.125	0.138	25	C0H/CH	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R2CWRA01	0.25x0.125	0.138	25	C0H/CH	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R3AWRA01	0.25x0.125	0.138	25	C0H/CH	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R3BWRA01	0.25x0.125	0.138	25	C0H/CH	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R3CWRA01	0.25x0.125	0.138	25	C0H/CH	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R4AWRA01	0.25x0.125	0.138	25	C0H/CH	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R4BWRA01	0.25x0.125	0.138	25	C0H/CH	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R4CWRA01	0.25x0.125	0.138	25	C0H/CH	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R5AWRA01	0.25x0.125	0.138	25	C0H/CH	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R5BWRA01	0.25x0.125	0.138	25	C0H/CH	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R5CWRA01	0.25x0.125	0.138	25	C0H/CH	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R6AWRA01	0.25x0.125	0.138	25	C0H/CH	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R6BWRA01	0.25x0.125	0.138	25	C0H/CH	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R6CWRA01	0.25x0.125	0.138	25	C0H/CH	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R7AWRA01	0.25x0.125	0.138	25	C0H/CH	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R7BWRA01	0.25x0.125	0.138	25	C0H/CH	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R7CWRA01	0.25x0.125	0.138	25	C0H/CH	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART021SCH1R8AWRA01	0.25x0.125	0.138	25	C0H/CH	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R8BWARA01	0.25x0.125	0.138	25	C0H/CH	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R8CWRA01	0.25x0.125	0.138	25	C0H/CH	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R9AWRA01	0.25x0.125	0.138	25	C0H/CH	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R9BWARA01	0.25x0.125	0.138	25	C0H/CH	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH1R9CWRA01	0.25x0.125	0.138	25	C0H/CH	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH020AWRA01	0.25x0.125	0.138	25	C0H/CH	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH020BWARA01	0.25x0.125	0.138	25	C0H/CH	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH020CWRA01	0.25x0.125	0.138	25	C0H/CH	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R1AWRA01	0.25x0.125	0.138	25	C0H/CH	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R1BWARA01	0.25x0.125	0.138	25	C0H/CH	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R1CWRA01	0.25x0.125	0.138	25	C0H/CH	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R2AWRA01	0.25x0.125	0.138	25	C0H/CH	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R2BWARA01	0.25x0.125	0.138	25	C0H/CH	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R2CWRA01	0.25x0.125	0.138	25	C0H/CH	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R3AWRA01	0.25x0.125	0.138	25	C0H/CH	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R3BWARA01	0.25x0.125	0.138	25	C0H/CH	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R3CWRA01	0.25x0.125	0.138	25	C0H/CH	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R4AWRA01	0.25x0.125	0.138	25	C0H/CH	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R4BWARA01	0.25x0.125	0.138	25	C0H/CH	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R4CWRA01	0.25x0.125	0.138	25	C0H/CH	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R5AWRA01	0.25x0.125	0.138	25	C0H/CH	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R5BWARA01	0.25x0.125	0.138	25	C0H/CH	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R5CWRA01	0.25x0.125	0.138	25	C0H/CH	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R6AWRA01	0.25x0.125	0.138	25	C0H/CH	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R6BWARA01	0.25x0.125	0.138	25	C0H/CH	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R6CWRA01	0.25x0.125	0.138	25	C0H/CH	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R7AWRA01	0.25x0.125	0.138	25	C0H/CH	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R7BWARA01	0.25x0.125	0.138	25	C0H/CH	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R7CWRA01	0.25x0.125	0.138	25	C0H/CH	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R8AWRA01	0.25x0.125	0.138	25	C0H/CH	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R8BWARA01	0.25x0.125	0.138	25	C0H/CH	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R8CWRA01	0.25x0.125	0.138	25	C0H/CH	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R9AWRA01	0.25x0.125	0.138	25	C0H/CH	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R9BWARA01	0.25x0.125	0.138	25	C0H/CH	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH2R9CWRA01	0.25x0.125	0.138	25	C0H/CH	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH030BWARA01	0.25x0.125	0.138	25	C0H/CH	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH030CWRA01	0.25x0.125	0.138	25	C0H/CH	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH030DWRA01	0.25x0.125	0.138	25	C0H/CH	3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R1BWARA01	0.25x0.125	0.138	25	C0H/CH	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R1CWRA01	0.25x0.125	0.138	25	C0H/CH	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R1DWRA01	0.25x0.125	0.138	25	C0H/CH	3.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R2BWARA01	0.25x0.125	0.138	25	C0H/CH	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R2CWRA01	0.25x0.125	0.138	25	C0H/CH	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R2DWRA01	0.25x0.125	0.138	25	C0H/CH	3.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R3BWARA01	0.25x0.125	0.138	25	C0H/CH	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R3CWRA01	0.25x0.125	0.138	25	C0H/CH	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R3DWRA01	0.25x0.125	0.138	25	C0H/CH	3.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R4BWARA01	0.25x0.125	0.138	25	C0H/CH	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R4CWRA01	0.25x0.125	0.138	25	C0H/CH	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R4DWRA01	0.25x0.125	0.138	25	C0H/CH	3.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R5BWARA01	0.25x0.125	0.138	25	C0H/CH	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R5CWRA01	0.25x0.125	0.138	25	C0H/CH	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R5DWRA01	0.25x0.125	0.138	25	C0H/CH	3.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R6BWARA01	0.25x0.125	0.138	25	C0H/CH	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R6CWRA01	0.25x0.125	0.138	25	C0H/CH	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R6DWRA01	0.25x0.125	0.138	25	C0H/CH	3.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R7BWARA01	0.25x0.125	0.138	25	C0H/CH	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R7CWRA01	0.25x0.125	0.138	25	C0H/CH	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R7DWRA01	0.25x0.125	0.138	25	C0H/CH	3.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R8BWARA01	0.25x0.125	0.138	25	C0H/CH	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R8CWRA01	0.25x0.125	0.138	25	C0H/CH	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R8DWRA01	0.25x0.125	0.138	25	C0H/CH	3.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R9BWARA01	0.25x0.125	0.138	25	C0H/CH	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R9CWRA01	0.25x0.125	0.138	25	C0H/CH	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH3R9DWRA01	0.25x0.125	0.138	25	C0H/CH	3.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH040BWARA01	0.25x0.125	0.138	25	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH040CWRA01	0.25x0.125	0.138	25	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH040DWRA01	0.25x0.125	0.138	25	C0H/CH	4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART021SCH4R1BWARA01	0.25x0.125	0.138	25	C0H/CH	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).





Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSARE021SCH8R8BWRA01	0.25x0.125	0.138	16	C0H/CH	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH8R8CWRA01	0.25x0.125	0.138	16	C0H/CH	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH8R8DWRA01	0.25x0.125	0.138	16	C0H/CH	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH8R9BWRA01	0.25x0.125	0.138	16	C0H/CH	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH8R9CWRA01	0.25x0.125	0.138	16	C0H/CH	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH8R9DWRA01	0.25x0.125	0.138	16	C0H/CH	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH090BWRA01	0.25x0.125	0.138	16	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH090CWRA01	0.25x0.125	0.138	16	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH090DWRA01	0.25x0.125	0.138	16	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R1BWRA01	0.25x0.125	0.138	16	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R1CWRA01	0.25x0.125	0.138	16	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R1DWRA01	0.25x0.125	0.138	16	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R2BWRA01	0.25x0.125	0.138	16	C0H/CH	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R2CWRA01	0.25x0.125	0.138	16	C0H/CH	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R2DWRA01	0.25x0.125	0.138	16	C0H/CH	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R3BWRA01	0.25x0.125	0.138	16	C0H/CH	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R3CWRA01	0.25x0.125	0.138	16	C0H/CH	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R3DWRA01	0.25x0.125	0.138	16	C0H/CH	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R4BWRA01	0.25x0.125	0.138	16	C0H/CH	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R4CWRA01	0.25x0.125	0.138	16	C0H/CH	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R4DWRA01	0.25x0.125	0.138	16	C0H/CH	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R5BWRA01	0.25x0.125	0.138	16	C0H/CH	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R5CWRA01	0.25x0.125	0.138	16	C0H/CH	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R5DWRA01	0.25x0.125	0.138	16	C0H/CH	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R6BWRA01	0.25x0.125	0.138	16	C0H/CH	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R6CWRA01	0.25x0.125	0.138	16	C0H/CH	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R6DWRA01	0.25x0.125	0.138	16	C0H/CH	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R7BWRA01	0.25x0.125	0.138	16	C0H/CH	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R7CWRA01	0.25x0.125	0.138	16	C0H/CH	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R7DWRA01	0.25x0.125	0.138	16	C0H/CH	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R8BWRA01	0.25x0.125	0.138	16	C0H/CH	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R8CWRA01	0.25x0.125	0.138	16	C0H/CH	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R8DWRA01	0.25x0.125	0.138	16	C0H/CH	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R9BWRA01	0.25x0.125	0.138	16	C0H/CH	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R9CWRA01	0.25x0.125	0.138	16	C0H/CH	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH9R9DWRA01	0.25x0.125	0.138	16	C0H/CH	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH100GWRA01	0.25x0.125	0.138	16	C0H/CH	10 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSARE021SCH100JWRA01	0.25x0.125	0.138	16	C0H/CH	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R2AWRA01	0.4x0.2	0.22	25	C0G/CG	0.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R2BWRA01	0.4x0.2	0.22	25	C0G/CG	0.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R2CWRA01	0.4x0.2	0.22	25	C0G/CG	0.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R3AWRA01	0.4x0.2	0.22	25	C0G/CG	0.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R3BWRA01	0.4x0.2	0.22	25	C0G/CG	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R3CWRA01	0.4x0.2	0.22	25	C0G/CG	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R4AWRA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R4BWRA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R4CWRA01	0.4x0.2	0.22	25	C0G/CG	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R5AWRA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R5BWRA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R5CWRA01	0.4x0.2	0.22	25	C0G/CG	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R6AWRA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R6BWRA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R6CWRA01	0.4x0.2	0.22	25	C0G/CG	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R7AWRA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R7BWRA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R7CWRA01	0.4x0.2	0.22	25	C0G/CG	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCGR75AWRA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCGR75BWRA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCGR75CWRA01	0.4x0.2	0.22	25	C0G/CG	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R8AWRA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R8BWRA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R8CWRA01	0.4x0.2	0.22	25	C0G/CG	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R9AWRA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R9BWRA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG0R9CWRA01	0.4x0.2	0.22	25	C0G/CG	0.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG010AWRA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG010BWRA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG010CWRA01	0.4x0.2	0.22	25	C0G/CG	1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R1AWRA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R1BWRA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCG1R1CWRA01	0.4x0.2	0.22	25	C0G/CG	1.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R2AWRA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R2BWARA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R2CWRA01	0.4x0.2	0.22	25	C0G/CG	1.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R3AWRA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R3BWARA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R3CWRA01	0.4x0.2	0.22	25	C0G/CG	1.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R4AWRA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R4BWARA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R4CWRA01	0.4x0.2	0.22	25	C0G/CG	1.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R5AWRA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R5BWARA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R5CWRA01	0.4x0.2	0.22	25	C0G/CG	1.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R6AWRA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R6BWARA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R6CWRA01	0.4x0.2	0.22	25	C0G/CG	1.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R7AWRA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R7BWARA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R7CWRA01	0.4x0.2	0.22	25	C0G/CG	1.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R8AWRA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R8BWARA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R8CWRA01	0.4x0.2	0.22	25	C0G/CG	1.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R9AWRA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R9BWARA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG1R9CWRA01	0.4x0.2	0.22	25	C0G/CG	1.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG020AWRA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG020BWARA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG020CWRA01	0.4x0.2	0.22	25	C0G/CG	2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R1AWRA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R1BWARA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R1CWRA01	0.4x0.2	0.22	25	C0G/CG	2.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R2AWRA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R2BWARA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R2CWRA01	0.4x0.2	0.22	25	C0G/CG	2.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R3AWRA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R3BWARA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R3CWRA01	0.4x0.2	0.22	25	C0G/CG	2.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R4AWRA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R4BWARA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R4CWRA01	0.4x0.2	0.22	25	C0G/CG	2.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R5AWRA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R5BWARA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R5CWRA01	0.4x0.2	0.22	25	C0G/CG	2.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R6AWRA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R6BWARA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R6CWRA01	0.4x0.2	0.22	25	C0G/CG	2.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R7AWRA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R7BWARA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R7CWRA01	0.4x0.2	0.22	25	C0G/CG	2.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R8AWRA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R8BWARA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R8CWRA01	0.4x0.2	0.22	25	C0G/CG	2.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R9AWRA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R9BWARA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG2R9CWRA01	0.4x0.2	0.22	25	C0G/CG	2.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG030AWRA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG030BWARA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG030CWRA01	0.4x0.2	0.22	25	C0G/CG	3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R1BWARA01	0.4x0.2	0.22	25	C0G/CG	3.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R1CWRA01	0.4x0.2	0.22	25	C0G/CG	3.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R2BWARA01	0.4x0.2	0.22	25	C0G/CG	3.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R2CWRA01	0.4x0.2	0.22	25	C0G/CG	3.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R3BWARA01	0.4x0.2	0.22	25	C0G/CG	3.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R3CWRA01	0.4x0.2	0.22	25	C0G/CG	3.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R4BWARA01	0.4x0.2	0.22	25	C0G/CG	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R4CWRA01	0.4x0.2	0.22	25	C0G/CG	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R5BWARA01	0.4x0.2	0.22	25	C0G/CG	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R5CWRA01	0.4x0.2	0.22	25	C0G/CG	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R6BWARA01	0.4x0.2	0.22	25	C0G/CG	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R6CWRA01	0.4x0.2	0.22	25	C0G/CG	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCG3R7BWRA01	0.4x0.2	0.22	25	C0G/CG	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R7CWRA01	0.4x0.2	0.22	25	C0G/CG	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R8BWRA01	0.4x0.2	0.22	25	C0G/CG	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R8CWRA01	0.4x0.2	0.22	25	C0G/CG	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R9BWRA01	0.4x0.2	0.22	25	C0G/CG	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG3R9CWRA01	0.4x0.2	0.22	25	C0G/CG	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG040BWRA01	0.4x0.2	0.22	25	C0G/CG	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG040CWRA01	0.4x0.2	0.22	25	C0G/CG	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R1BWRA01	0.4x0.2	0.22	25	C0G/CG	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R1CWRA01	0.4x0.2	0.22	25	C0G/CG	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R2BWRA01	0.4x0.2	0.22	25	C0G/CG	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R2CWRA01	0.4x0.2	0.22	25	C0G/CG	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R3BWRA01	0.4x0.2	0.22	25	C0G/CG	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R3CWRA01	0.4x0.2	0.22	25	C0G/CG	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R4BWRA01	0.4x0.2	0.22	25	C0G/CG	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R4CWRA01	0.4x0.2	0.22	25	C0G/CG	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R5BWRA01	0.4x0.2	0.22	25	C0G/CG	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R5CWRA01	0.4x0.2	0.22	25	C0G/CG	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R6BWRA01	0.4x0.2	0.22	25	C0G/CG	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R6CWRA01	0.4x0.2	0.22	25	C0G/CG	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R7BWRA01	0.4x0.2	0.22	25	C0G/CG	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R7CWRA01	0.4x0.2	0.22	25	C0G/CG	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R8BWRA01	0.4x0.2	0.22	25	C0G/CG	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R8CWRA01	0.4x0.2	0.22	25	C0G/CG	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R9BWRA01	0.4x0.2	0.22	25	C0G/CG	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG4R9CWRA01	0.4x0.2	0.22	25	C0G/CG	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG050BWRA01	0.4x0.2	0.22	25	C0G/CG	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG050CWRA01	0.4x0.2	0.22	25	C0G/CG	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R1BWRA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R1CWRA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R1DWRA01	0.4x0.2	0.22	25	C0G/CG	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R2BWRA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R2CWRA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R2DWRA01	0.4x0.2	0.22	25	C0G/CG	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R3BWRA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R3CWRA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R3DWRA01	0.4x0.2	0.22	25	C0G/CG	5.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R4BWRA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R4CWRA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R4DWRA01	0.4x0.2	0.22	25	C0G/CG	5.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R5BWRA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R5CWRA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R5DWRA01	0.4x0.2	0.22	25	C0G/CG	5.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R6BWRA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R6CWRA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R6DWRA01	0.4x0.2	0.22	25	C0G/CG	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R7BWRA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R7CWRA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R7DWRA01	0.4x0.2	0.22	25	C0G/CG	5.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R8BWRA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R8CWRA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R8DWRA01	0.4x0.2	0.22	25	C0G/CG	5.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R9BWRA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R9CWRA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG5R9DWRA01	0.4x0.2	0.22	25	C0G/CG	5.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG060BWRA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG060CWRA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG060DWRA01	0.4x0.2	0.22	25	C0G/CG	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R1BWRA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R1CWRA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R1DWRA01	0.4x0.2	0.22	25	C0G/CG	6.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R2BWRA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R2CWRA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R2DWRA01	0.4x0.2	0.22	25	C0G/CG	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R3BWRA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R3CWRA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R3DWRA01	0.4x0.2	0.22	25	C0G/CG	6.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R4BWRA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R4CWRA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R4DWRA01	0.4x0.2	0.22	25	C0G/CG	6.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCG6R5BWRA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R5CWRA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R5DWRA01	0.4x0.2	0.22	25	C0G/CG	6.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R6BWRA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R6CWRA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R6DWRA01	0.4x0.2	0.22	25	C0G/CG	6.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R7BWRA01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R7CWRA01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R7DWRA01	0.4x0.2	0.22	25	C0G/CG	6.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R8BWRA01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R8CWRA01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R8DWRA01	0.4x0.2	0.22	25	C0G/CG	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R9BWRA01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R9CWRA01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG6R9DWRA01	0.4x0.2	0.22	25	C0G/CG	6.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG070BWRA01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG070CWRA01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG070DWRA01	0.4x0.2	0.22	25	C0G/CG	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R1BWRA01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R1CWRA01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R1DWRA01	0.4x0.2	0.22	25	C0G/CG	7.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R2BWRA01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R2CWRA01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R2DWRA01	0.4x0.2	0.22	25	C0G/CG	7.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R3BWRA01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R3CWRA01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R3DWRA01	0.4x0.2	0.22	25	C0G/CG	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R4BWRA01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R4CWRA01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R4DWRA01	0.4x0.2	0.22	25	C0G/CG	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R5BWRA01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R5CWRA01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R5DWRA01	0.4x0.2	0.22	25	C0G/CG	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R6BWRA01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R6CWRA01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R6DWRA01	0.4x0.2	0.22	25	C0G/CG	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R7BWRA01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R7CWRA01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R7DWRA01	0.4x0.2	0.22	25	C0G/CG	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R8BWRA01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R8CWRA01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R8DWRA01	0.4x0.2	0.22	25	C0G/CG	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R9BWRA01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R9CWRA01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG7R9DWRA01	0.4x0.2	0.22	25	C0G/CG	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG080BWRA01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG080CWRA01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG080DWRA01	0.4x0.2	0.22	25	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R1BWRA01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R1CWRA01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R1DWRA01	0.4x0.2	0.22	25	C0G/CG	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R2BWRA01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R2CWRA01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R2DWRA01	0.4x0.2	0.22	25	C0G/CG	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R3BWRA01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R3CWRA01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R3DWRA01	0.4x0.2	0.22	25	C0G/CG	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R4BWRA01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R4CWRA01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R4DWRA01	0.4x0.2	0.22	25	C0G/CG	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R5BWRA01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R5CWRA01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R5DWRA01	0.4x0.2	0.22	25	C0G/CG	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R6BWRA01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R6CWRA01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R6DWRA01	0.4x0.2	0.22	25	C0G/CG	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R7BWRA01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R7CWRA01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R7DWRA01	0.4x0.2	0.22	25	C0G/CG	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R8BWRA01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCG8R8CWRA01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R8DWRA01	0.4x0.2	0.22	25	C0G/CG	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R9BWRA01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R9CWRA01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG8R9DWRA01	0.4x0.2	0.22	25	C0G/CG	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG090BWRA01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG090CWRA01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG090DWRA01	0.4x0.2	0.22	25	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R1BWRA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R1CWRA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R1DWRA01	0.4x0.2	0.22	25	C0G/CG	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R2BWRA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R2CWRA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R2DWRA01	0.4x0.2	0.22	25	C0G/CG	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R3BWRA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R3CWRA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R3DWRA01	0.4x0.2	0.22	25	C0G/CG	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R4BWRA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R4CWRA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R4DWRA01	0.4x0.2	0.22	25	C0G/CG	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R5BWRA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R5CWRA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R5DWRA01	0.4x0.2	0.22	25	C0G/CG	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R6BWRA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R6CWRA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R6DWRA01	0.4x0.2	0.22	25	C0G/CG	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R7BWRA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R7CWRA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R7DWRA01	0.4x0.2	0.22	25	C0G/CG	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R8BWRA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R8CWRA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R8DWRA01	0.4x0.2	0.22	25	C0G/CG	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R9BWRA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R9CWRA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG9R9DWRA01	0.4x0.2	0.22	25	C0G/CG	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG100GWRA01	0.4x0.2	0.22	25	C0G/CG	10 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG100JWRA01	0.4x0.2	0.22	25	C0G/CG	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG110JWRA01	0.4x0.2	0.22	25	C0G/CG	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG120JWRA01	0.4x0.2	0.22	25	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG130JWRA01	0.4x0.2	0.22	25	C0G/CG	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG150JWRA01	0.4x0.2	0.22	25	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG160JWRA01	0.4x0.2	0.22	25	C0G/CG	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG180JWRA01	0.4x0.2	0.22	25	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCG220JWRA01	0.4x0.2	0.22	25	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R2AWRA01	0.4x0.2	0.22	25	C0H/CH	0.2 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R2BWRA01	0.4x0.2	0.22	25	C0H/CH	0.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R2CWRA01	0.4x0.2	0.22	25	C0H/CH	0.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R3AWRA01	0.4x0.2	0.22	25	C0H/CH	0.3 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R3BWRA01	0.4x0.2	0.22	25	C0H/CH	0.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R3CWRA01	0.4x0.2	0.22	25	C0H/CH	0.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R4AWRA01	0.4x0.2	0.22	25	C0H/CH	0.4 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R4BWRA01	0.4x0.2	0.22	25	C0H/CH	0.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R4CWRA01	0.4x0.2	0.22	25	C0H/CH	0.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R5AWRA01	0.4x0.2	0.22	25	C0H/CH	0.5 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R5BWRA01	0.4x0.2	0.22	25	C0H/CH	0.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R5CWRA01	0.4x0.2	0.22	25	C0H/CH	0.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R6AWRA01	0.4x0.2	0.22	25	C0H/CH	0.6 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R6BWRA01	0.4x0.2	0.22	25	C0H/CH	0.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R6CWRA01	0.4x0.2	0.22	25	C0H/CH	0.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R7AWRA01	0.4x0.2	0.22	25	C0H/CH	0.7 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R7BWRA01	0.4x0.2	0.22	25	C0H/CH	0.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R7CWRA01	0.4x0.2	0.22	25	C0H/CH	0.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042CHR75AWRA01	0.4x0.2	0.22	25	C0H/CH	0.75 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042CHR75BWRA01	0.4x0.2	0.22	25	C0H/CH	0.75 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042CHR75CWRA01	0.4x0.2	0.22	25	C0H/CH	0.75 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R8AWRA01	0.4x0.2	0.22	25	C0H/CH	0.8 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R8BWRA01	0.4x0.2	0.22	25	C0H/CH	0.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R8CWRA01	0.4x0.2	0.22	25	C0H/CH	0.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R9AWRA01	0.4x0.2	0.22	25	C0H/CH	0.9 pF	± 0.05pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH0R9BWRA01	0.4x0.2	0.22	25	C0H/CH	0.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).



Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCH3R4BWRA01	0.4x0.2	0.22	25	C0H/CH	3.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R4CWRA01	0.4x0.2	0.22	25	C0H/CH	3.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R5BWRA01	0.4x0.2	0.22	25	C0H/CH	3.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R5CWRA01	0.4x0.2	0.22	25	C0H/CH	3.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R6BWRA01	0.4x0.2	0.22	25	C0H/CH	3.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R6CWRA01	0.4x0.2	0.22	25	C0H/CH	3.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R7BWRA01	0.4x0.2	0.22	25	C0H/CH	3.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R7CWRA01	0.4x0.2	0.22	25	C0H/CH	3.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R8BWRA01	0.4x0.2	0.22	25	C0H/CH	3.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R8CWRA01	0.4x0.2	0.22	25	C0H/CH	3.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R9BWRA01	0.4x0.2	0.22	25	C0H/CH	3.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH3R9CWRA01	0.4x0.2	0.22	25	C0H/CH	3.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH040BWRA01	0.4x0.2	0.22	25	C0H/CH	4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH040CWRA01	0.4x0.2	0.22	25	C0H/CH	4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R1BWRA01	0.4x0.2	0.22	25	C0H/CH	4.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R1CWRA01	0.4x0.2	0.22	25	C0H/CH	4.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R2BWRA01	0.4x0.2	0.22	25	C0H/CH	4.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R2CWRA01	0.4x0.2	0.22	25	C0H/CH	4.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R3BWRA01	0.4x0.2	0.22	25	C0H/CH	4.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R3CWRA01	0.4x0.2	0.22	25	C0H/CH	4.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R4BWRA01	0.4x0.2	0.22	25	C0H/CH	4.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R4CWRA01	0.4x0.2	0.22	25	C0H/CH	4.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R5BWRA01	0.4x0.2	0.22	25	C0H/CH	4.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R5CWRA01	0.4x0.2	0.22	25	C0H/CH	4.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R6BWRA01	0.4x0.2	0.22	25	C0H/CH	4.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R6CWRA01	0.4x0.2	0.22	25	C0H/CH	4.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R7BWRA01	0.4x0.2	0.22	25	C0H/CH	4.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R7CWRA01	0.4x0.2	0.22	25	C0H/CH	4.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R8BWRA01	0.4x0.2	0.22	25	C0H/CH	4.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R8CWRA01	0.4x0.2	0.22	25	C0H/CH	4.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R9BWRA01	0.4x0.2	0.22	25	C0H/CH	4.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH4R9CWRA01	0.4x0.2	0.22	25	C0H/CH	4.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH050BWRA01	0.4x0.2	0.22	25	C0H/CH	5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH050CWRA01	0.4x0.2	0.22	25	C0H/CH	5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R1BWRA01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R1CWRA01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R1DWRA01	0.4x0.2	0.22	25	C0H/CH	5.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R2BWRA01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R2CWRA01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R2DWRA01	0.4x0.2	0.22	25	C0H/CH	5.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R3BWRA01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R3CWRA01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R3DWRA01	0.4x0.2	0.22	25	C0H/CH	5.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R4BWRA01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R4CWRA01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R4DWRA01	0.4x0.2	0.22	25	C0H/CH	5.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R5BWRA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R5CWRA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R5DWRA01	0.4x0.2	0.22	25	C0H/CH	5.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R6BWRA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R6CWRA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R6DWRA01	0.4x0.2	0.22	25	C0H/CH	5.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R7BWRA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R7CWRA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R7DWRA01	0.4x0.2	0.22	25	C0H/CH	5.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R8BWRA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R8CWRA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R8DWRA01	0.4x0.2	0.22	25	C0H/CH	5.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R9BWRA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R9CWRA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH5R9DWRA01	0.4x0.2	0.22	25	C0H/CH	5.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH060BWRA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH060CWRA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH060DWRA01	0.4x0.2	0.22	25	C0H/CH	6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R1BWRA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R1CWRA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R1DWRA01	0.4x0.2	0.22	25	C0H/CH	6.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R2BWRA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R2CWRA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R2DWRA01	0.4x0.2	0.22	25	C0H/CH	6.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCH6R3BWRA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R3CWRA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R3DWRA01	0.4x0.2	0.22	25	C0H/CH	6.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R4BWRA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R4CWRA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R4DWRA01	0.4x0.2	0.22	25	C0H/CH	6.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R5BWRA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R5CWRA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R5DWRA01	0.4x0.2	0.22	25	C0H/CH	6.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R6BWRA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R6CWRA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R6DWRA01	0.4x0.2	0.22	25	C0H/CH	6.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R7BWRA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R7CWRA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R7DWRA01	0.4x0.2	0.22	25	C0H/CH	6.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R8BWRA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R8CWRA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R8DWRA01	0.4x0.2	0.22	25	C0H/CH	6.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R9BWRA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R9CWRA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH6R9DWRA01	0.4x0.2	0.22	25	C0H/CH	6.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH070BWRA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH070CWRA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH070DWRA01	0.4x0.2	0.22	25	C0H/CH	7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R1BWRA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R1CWRA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R1DWRA01	0.4x0.2	0.22	25	C0H/CH	7.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R2BWRA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R2CWRA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R2DWRA01	0.4x0.2	0.22	25	C0H/CH	7.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R3BWRA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R3CWRA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R3DWRA01	0.4x0.2	0.22	25	C0H/CH	7.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R4BWRA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R4CWRA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R4DWRA01	0.4x0.2	0.22	25	C0H/CH	7.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R5BWRA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R5CWRA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R5DWRA01	0.4x0.2	0.22	25	C0H/CH	7.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R6BWRA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R6CWRA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R6DWRA01	0.4x0.2	0.22	25	C0H/CH	7.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R7BWRA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R7CWRA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R7DWRA01	0.4x0.2	0.22	25	C0H/CH	7.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R8BWRA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R8CWRA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R8DWRA01	0.4x0.2	0.22	25	C0H/CH	7.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R9BWRA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R9CWRA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH7R9DWRA01	0.4x0.2	0.22	25	C0H/CH	7.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH080BWRA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH080CWRA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH080DWRA01	0.4x0.2	0.22	25	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R1BWRA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R1CWRA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R1DWRA01	0.4x0.2	0.22	25	C0H/CH	8.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R2BWRA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R2CWRA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R2DWRA01	0.4x0.2	0.22	25	C0H/CH	8.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R3BWRA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R3CWRA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R3DWRA01	0.4x0.2	0.22	25	C0H/CH	8.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R4BWRA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R4CWRA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R4DWRA01	0.4x0.2	0.22	25	C0H/CH	8.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R5BWRA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R5CWRA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R5DWRA01	0.4x0.2	0.22	25	C0H/CH	8.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R6BWRA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSART042SCH8R6CWRA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R6DWRA01	0.4x0.2	0.22	25	C0H/CH	8.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R7BWRA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R7CWRA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R7DWRA01	0.4x0.2	0.22	25	C0H/CH	8.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R8BWRA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R8CWRA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R8DWRA01	0.4x0.2	0.22	25	C0H/CH	8.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R9BWRA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R9CWRA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH8R9DWRA01	0.4x0.2	0.22	25	C0H/CH	8.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH090BWRA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH090CWRA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH090DWRA01	0.4x0.2	0.22	25	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R1BWRA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R1CWRA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R1DWRA01	0.4x0.2	0.22	25	C0H/CH	9.1 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R2BWRA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R2CWRA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R2DWRA01	0.4x0.2	0.22	25	C0H/CH	9.2 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R3BWRA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R3CWRA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R3DWRA01	0.4x0.2	0.22	25	C0H/CH	9.3 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R4BWRA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R4CWRA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R4DWRA01	0.4x0.2	0.22	25	C0H/CH	9.4 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R5BWRA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R5CWRA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R5DWRA01	0.4x0.2	0.22	25	C0H/CH	9.5 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R6BWRA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R6CWRA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R6DWRA01	0.4x0.2	0.22	25	C0H/CH	9.6 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R7BWRA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R7CWRA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R7DWRA01	0.4x0.2	0.22	25	C0H/CH	9.7 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R8BWRA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R8CWRA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R8DWRA01	0.4x0.2	0.22	25	C0H/CH	9.8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R9BWRA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.1pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R9CWRA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.25pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH9R9DWRA01	0.4x0.2	0.22	25	C0H/CH	9.9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH100GWRA01	0.4x0.2	0.22	25	C0H/CH	10 pF	± 2 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH100JWRA01	0.4x0.2	0.22	25	C0H/CH	10 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH110JWRA01	0.4x0.2	0.22	25	C0H/CH	11 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH120JWRA01	0.4x0.2	0.22	25	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH130JWRA01	0.4x0.2	0.22	25	C0H/CH	13 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH150JWRA01	0.4x0.2	0.22	25	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH160JWRA01	0.4x0.2	0.22	25	C0H/CH	16 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH180JWRA01	0.4x0.2	0.22	25	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSART042SCH220JWRA01	0.4x0.2	0.22	25	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)

## Low Distortion Design / Audible / Good Bias Multilayer Ceramic Capacitors (CFCAP)

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAYU105SSD391KFNA01	1.0x0.5	0.55	50	(undefined)	390 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU105SSD471KFNA01	1.0x0.5	0.55	50	(undefined)	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU105SSD561KFNA01	1.0x0.5	0.55	50	(undefined)	560 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT105SSD681KFNA01	1.0x0.5	0.55	25	(undefined)	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT105SSD821KFNA01	1.0x0.5	0.55	25	(undefined)	820 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT105SSD102KFNA01	1.0x0.5	0.55	25	(undefined)	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT105SSD122KFNA01	1.0x0.5	0.55	25	(undefined)	1200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE105SSD152KFNA01	1.0x0.5	0.55	16	(undefined)	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE105SSD182KFNA01	1.0x0.5	0.55	16	(undefined)	1800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE105SSD222KFNA01	1.0x0.5	0.55	16	(undefined)	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE105SSD272KFNA01	1.0x0.5	0.55	16	(undefined)	2700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL105SSD332KFNA01	1.0x0.5	0.55	10	(undefined)	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL105SSD392KFNA01	1.0x0.5	0.55	10	(undefined)	3900 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL105SSD472KFNA01	1.0x0.5	0.55	10	(undefined)	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD102KTNA01	1.6x0.8	0.9	50	(undefined)	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD122KTNA01	1.6x0.8	0.9	50	(undefined)	1200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD152KTNA01	1.6x0.8	0.9	50	(undefined)	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD182KTNA01	1.6x0.8	0.9	50	(undefined)	1800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD222KTNA01	1.6x0.8	0.9	50	(undefined)	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD272KTNA01	1.6x0.8	0.9	50	(undefined)	2700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168SSD332KTNA01	1.6x0.8	0.9	50	(undefined)	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT168SSD392KTNA01	1.6x0.8	0.9	25	(undefined)	3900 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT168SSD472KTNA01	1.6x0.8	0.9	25	(undefined)	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE168SSD562KTNA01	1.6x0.8	0.9	16	(undefined)	5600 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE168SSD682KTNA01	1.6x0.8	0.9	16	(undefined)	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE168SSD822KTNA01	1.6x0.8	0.9	16	(undefined)	8200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE168SSD103KTNA01	1.6x0.8	0.9	16	(undefined)	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL168SSD123KTNA01	1.6x0.8	0.9	10	(undefined)	0.012 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL168SSD153KTNA01	1.6x0.8	0.9	10	(undefined)	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL168SSD183KTNA01	1.6x0.8	0.9	10	(undefined)	0.018 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL168SSD223KTNA01	1.6x0.8	0.9	10	(undefined)	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GSSD183KTNA01	2.0x1.25	1.35	35	(undefined)	0.018 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GSSD223KTNA01	2.0x1.25	1.35	35	(undefined)	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GSSD273KTNA01	2.0x1.25	1.35	35	(undefined)	0.027 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL21GSSD683KTNA01	2.0x1.25	1.35	10	(undefined)	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL21GSSD823KTNA01	2.0x1.25	1.35	10	(undefined)	0.082 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL21GSSD104KTNA01	2.0x1.25	1.35	10	(undefined)	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD392KTNA01	2.0x1.25	0.95	50	(undefined)	3900 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD472KTNA01	2.0x1.25	0.95	50	(undefined)	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD562KTNA01	2.0x1.25	0.95	50	(undefined)	5600 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD682KTNA01	2.0x1.25	0.95	50	(undefined)	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD822KTNA01	2.0x1.25	0.95	50	(undefined)	8200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU219SSD103KTNA01	2.0x1.25	0.95	50	(undefined)	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG219SSD123KTNA01	2.0x1.25	0.95	35	(undefined)	0.012 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG219SSD153KTNA01	2.0x1.25	0.95	35	(undefined)	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYE219SSD333KTNA01	2.0x1.25	0.95	16	(undefined)	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYL219SSD473KTNA01	2.0x1.25	0.95	10	(undefined)	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31LSSD823KTNA01	3.2x1.6	1.8	25	(undefined)	0.082 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31LSSD104KTNA01	3.2x1.6	1.8	25	(undefined)	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG31QHSD333KTNA01	3.2x1.6	1.25	35	(undefined)	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG31QHSD393KTNA01	3.2x1.6	1.25	35	(undefined)	0.039 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31QHSD473KTNA01	3.2x1.6	1.25	25	(undefined)	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31QHSD563KTNA01	3.2x1.6	1.25	25	(undefined)	0.056 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31QHSD683KTNA01	3.2x1.6	1.25	25	(undefined)	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

## Low Distortion Design / Audible / Good Bias Multilayer Ceramic Capacitors (CF LD)

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSAYT168BLD105KTNA01	1.6x0.8	1	25	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT168BLD105MTNA01	1.6x0.8	1	25	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT168BLD474KTNA01	1.6x0.8	1	25	X5R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT168BLD474MTNA01	1.6x0.8	1	25	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168BLD224KTNA01	1.6x0.8	1	50	X5R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU168BLD224MTNA01	1.6x0.8	1	50	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GBLD225KTNA01	2.0x1.25	1.45	35	X5R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GBLD225MTNA01	2.0x1.25	1.45	35	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GSLD105KTNA01	2.0x1.25	1.35	35	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG21GSLD105MTNA01	2.0x1.25	1.35	35	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31LBD106KTNA01	3.2x1.6	1.9	25	X5R	10 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYT31LBD106MTNA01	3.2x1.6	1.9	25	X5R	10 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG31LBD475KTNA01	3.2x1.6	1.9	35	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYG31LBD475MTNA01	3.2x1.6	1.9	35	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU31LSD105KTNA01	3.2x1.6	1.8	50	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU31LSD105MTNA01	3.2x1.6	1.8	50	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU32MSLD475KPNA01	3.2x2.5	2.7	50	X5R	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU32MSLD475MPNA01	3.2x2.5	2.7	50	X5R	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU32NSLD105KTNA01	3.2x2.5	2.1	50	X5R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSAYU32NSLD105MTNA01	3.2x2.5	2.1	50	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)



## Medium-High Voltage Multilayer Ceramic Capacitors

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASH105SB7472KFNA01	1.0x0.5	0.55	100	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7472MFNA01	1.0x0.5	0.55	100	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7332KFNA01	1.0x0.5	0.55	100	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7332MFNA01	1.0x0.5	0.55	100	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7222KFNA01	1.0x0.5	0.55	100	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7222MFNA01	1.0x0.5	0.55	100	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7152KFNA01	1.0x0.5	0.55	100	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7152MFNA01	1.0x0.5	0.55	100	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7102KFNA01	1.0x0.5	0.55	100	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7102MFNA01	1.0x0.5	0.55	100	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7681KFNA01	1.0x0.5	0.55	100	X7R	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7681MFNA01	1.0x0.5	0.55	100	X7R	680 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7471KFNA01	1.0x0.5	0.55	100	X7R	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7471MFNA01	1.0x0.5	0.55	100	X7R	470 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7331KFNA01	1.0x0.5	0.55	100	X7R	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7331MFNA01	1.0x0.5	0.55	100	X7R	330 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7221KFNA01	1.0x0.5	0.55	100	X7R	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SB7221MFNA01	1.0x0.5	0.55	100	X7R	220 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG080DFNA01	1.0x0.5	0.55	100	C0G/CG	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG090DFNA01	1.0x0.5	0.55	100	C0G/CG	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG100DFNA01	1.0x0.5	0.55	100	C0G/CG	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG120JFNA01	1.0x0.5	0.55	100	C0G/CG	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG150JFNA01	1.0x0.5	0.55	100	C0G/CG	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG180JFNA01	1.0x0.5	0.55	100	C0G/CG	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG220JFNA01	1.0x0.5	0.55	100	C0G/CG	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG240JFNA01	1.0x0.5	0.55	100	C0G/CG	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG270JFNA01	1.0x0.5	0.55	100	C0G/CG	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG330JFNA01	1.0x0.5	0.55	100	C0G/CG	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG390JFNA01	1.0x0.5	0.55	100	C0G/CG	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG470JFNA01	1.0x0.5	0.55	100	C0G/CG	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG560JFNA01	1.0x0.5	0.55	100	C0G/CG	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG680JFNA01	1.0x0.5	0.55	100	C0G/CG	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG820JFNA01	1.0x0.5	0.55	100	C0G/CG	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCG101JFNA01	1.0x0.5	0.55	100	C0G/CG	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH080DFNA01	1.0x0.5	0.55	100	C0H/CH	8 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH090DFNA01	1.0x0.5	0.55	100	C0H/CH	9 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH100DFNA01	1.0x0.5	0.55	100	C0H/CH	10 pF	± 0.5pF	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH120JFNA01	1.0x0.5	0.55	100	C0H/CH	12 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH150JFNA01	1.0x0.5	0.55	100	C0H/CH	15 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH180JFNA01	1.0x0.5	0.55	100	C0H/CH	18 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH220JFNA01	1.0x0.5	0.55	100	C0H/CH	22 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH240JFNA01	1.0x0.5	0.55	100	C0H/CH	24 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH270JFNA01	1.0x0.5	0.55	100	C0H/CH	27 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH330JFNA01	1.0x0.5	0.55	100	C0H/CH	33 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH390JFNA01	1.0x0.5	0.55	100	C0H/CH	39 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH470JFNA01	1.0x0.5	0.55	100	C0H/CH	47 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH560JFNA01	1.0x0.5	0.55	100	C0H/CH	56 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH680JFNA01	1.0x0.5	0.55	100	C0H/CH	68 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH820JFNA01	1.0x0.5	0.55	100	C0H/CH	82 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH105SCH101JFNA01	1.0x0.5	0.55	100	C0H/CH	100 pF	± 5 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5224KTC A01	1.6x0.8	0.9	100	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5224MTC A01	1.6x0.8	0.9	100	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5104KTNA01	1.6x0.8	0.9	100	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5104MTNA01	1.6x0.8	0.9	100	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5473KTNA01	1.6x0.8	0.9	100	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5473MTNA01	1.6x0.8	0.9	100	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5333KTNA01	1.6x0.8	0.9	100	X5R/B	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5333MTNA01	1.6x0.8	0.9	100	X5R/B	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5223KTNA01	1.6x0.8	0.9	100	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5223MTNA01	1.6x0.8	0.9	100	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5153KTNA01	1.6x0.8	0.9	100	X5R/B	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5153MTNA01	1.6x0.8	0.9	100	X5R/B	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5103KTNA01	1.6x0.8	0.9	100	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5103MTNA01	1.6x0.8	0.9	100	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5682KTNA01	1.6x0.8	0.9	100	X5R/B	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5682MTNA01	1.6x0.8	0.9	100	X5R/B	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5472KTNA01	1.6x0.8	0.9	100	X5R/B	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5472MTNA01	1.6x0.8	0.9	100	X5R/B	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5332KTNA01	1.6x0.8	0.9	100	X5R/B	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5332MTNA01	1.6x0.8	0.9	100	X5R/B	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASH168SB5222KTNA01	1.6x0.8	0.9	100	X5R/B	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5222MTNA01	1.6x0.8	0.9	100	X5R/B	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5152KTNA01	1.6x0.8	0.9	100	X5R/B	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5152MTNA01	1.6x0.8	0.9	100	X5R/B	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5102KTNA01	1.6x0.8	0.9	100	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB5102MTNA01	1.6x0.8	0.9	100	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SC7224KTC A01	1.6x0.8	0.9	100	X7S	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SC7224MTC A01	1.6x0.8	0.9	100	X7S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7104KTNA01	1.6x0.8	0.9	100	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7104MTNA01	1.6x0.8	0.9	100	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7473KTNA01	1.6x0.8	0.9	100	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7473MTNA01	1.6x0.8	0.9	100	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7333KTNA01	1.6x0.8	0.9	100	X7R	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7333MTNA01	1.6x0.8	0.9	100	X7R	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7223KTNA01	1.6x0.8	0.9	100	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7223MTNA01	1.6x0.8	0.9	100	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7153KTNA01	1.6x0.8	0.9	100	X7R	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7153MTNA01	1.6x0.8	0.9	100	X7R	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7103KTNA01	1.6x0.8	0.9	100	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7103MTNA01	1.6x0.8	0.9	100	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7682KTNA01	1.6x0.8	0.9	100	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7682MTNA01	1.6x0.8	0.9	100	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7472KTNA01	1.6x0.8	0.9	100	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7472MTNA01	1.6x0.8	0.9	100	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7332KTNA01	1.6x0.8	0.9	100	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7332MTNA01	1.6x0.8	0.9	100	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7222KTNA01	1.6x0.8	0.9	100	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7222MTNA01	1.6x0.8	0.9	100	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7152KTNA01	1.6x0.8	0.9	100	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7152MTNA01	1.6x0.8	0.9	100	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7102KTNA01	1.6x0.8	0.9	100	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SB7102MTNA01	1.6x0.8	0.9	100	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD101KTNA01	1.6x0.8	0.9	100	(undefined)	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD121KTNA01	1.6x0.8	0.9	100	(undefined)	120 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD151KTNA01	1.6x0.8	0.9	100	(undefined)	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD181KTNA01	1.6x0.8	0.9	100	(undefined)	180 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD221KTNA01	1.6x0.8	0.9	100	(undefined)	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD271KTNA01	1.6x0.8	0.9	100	(undefined)	270 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD331KTNA01	1.6x0.8	0.9	100	(undefined)	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD391KTNA01	1.6x0.8	0.9	100	(undefined)	390 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD471KTNA01	1.6x0.8	0.9	100	(undefined)	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD561KTNA01	1.6x0.8	0.9	100	(undefined)	560 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD681KTNA01	1.6x0.8	0.9	100	(undefined)	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD821KTNA01	1.6x0.8	0.9	100	(undefined)	820 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH168SSD102KTNA01	1.6x0.8	0.9	100	(undefined)	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GBB5105KTC A01	2.0x1.25	1.45	100	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GBB5105MTC A01	2.0x1.25	1.45	100	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5474KTC A01	2.0x1.25	1.35	100	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5474MTC A01	2.0x1.25	1.35	100	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5224KTNA01	2.0x1.25	1.35	100	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5224MTNA01	2.0x1.25	1.35	100	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5104KTNA01	2.0x1.25	1.35	100	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5104MTNA01	2.0x1.25	1.35	100	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5683KTNA01	2.0x1.25	1.35	100	X5R/B	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5683MTNA01	2.0x1.25	1.35	100	X5R/B	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5473KTNA01	2.0x1.25	1.35	100	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5473MTNA01	2.0x1.25	1.35	100	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5333KTNA01	2.0x1.25	1.35	100	X5R/B	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5333MTNA01	2.0x1.25	1.35	100	X5R/B	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5223KTNA01	2.0x1.25	1.35	100	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5223MTNA01	2.0x1.25	1.35	100	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5153KTNA01	2.0x1.25	1.35	100	X5R/B	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5153MTNA01	2.0x1.25	1.35	100	X5R/B	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5103KTNA01	2.0x1.25	1.35	100	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB5103MTNA01	2.0x1.25	1.35	100	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5223KTNA01	2.0x1.25	1.35	250	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5223MTNA01	2.0x1.25	1.35	250	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5153KTNA01	2.0x1.25	1.35	250	X5R/B	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5153MTNA01	2.0x1.25	1.35	250	X5R/B	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5103KTNA01	2.0x1.25	1.35	250	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASQ21GSB5103MTNA01	2.0x1.25	1.35	250	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5682KTNA01	2.0x1.25	1.35	250	X5R/B	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5682MTNA01	2.0x1.25	1.35	250	X5R/B	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5472KTNA01	2.0x1.25	1.35	250	X5R/B	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB5472MTNA01	2.0x1.25	1.35	250	X5R/B	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5332KTNA01	2.0x1.25	0.95	250	X5R/B	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5332MTNA01	2.0x1.25	0.95	250	X5R/B	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5222KTNA01	2.0x1.25	0.95	250	X5R/B	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5222MTNA01	2.0x1.25	0.95	250	X5R/B	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5152KTNA01	2.0x1.25	0.95	250	X5R/B	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5152MTNA01	2.0x1.25	0.95	250	X5R/B	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5102KTNA01	2.0x1.25	0.95	250	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB5102MTNA01	2.0x1.25	0.95	250	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GBC7105KTCA01	2.0x1.25	1.45	100	X7S	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GBC7105MTCA01	2.0x1.25	1.45	100	X7S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSC7474KTCA01	2.0x1.25	1.35	100	X7S	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSC7474MTCA01	2.0x1.25	1.35	100	X7S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7224KTNA01	2.0x1.25	1.35	100	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7224MTNA01	2.0x1.25	1.35	100	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7104KTNA01	2.0x1.25	1.35	100	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7104MTNA01	2.0x1.25	1.35	100	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7683KTNA01	2.0x1.25	1.35	100	X7R	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7683MTNA01	2.0x1.25	1.35	100	X7R	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7473KTNA01	2.0x1.25	1.35	100	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7473MTNA01	2.0x1.25	1.35	100	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7333KTNA01	2.0x1.25	1.35	100	X7R	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7333MTNA01	2.0x1.25	1.35	100	X7R	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7223KTNA01	2.0x1.25	1.35	100	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7223MTNA01	2.0x1.25	1.35	100	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7153KTNA01	2.0x1.25	1.35	100	X7R	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7153MTNA01	2.0x1.25	1.35	100	X7R	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7103KTNA01	2.0x1.25	1.35	100	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSB7103MTNA01	2.0x1.25	1.35	100	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7223KTNA01	2.0x1.25	1.35	250	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7223MTNA01	2.0x1.25	1.35	250	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7153KTNA01	2.0x1.25	1.35	250	X7R	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7153MTNA01	2.0x1.25	1.35	250	X7R	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7103KTNA01	2.0x1.25	1.35	250	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7103MTNA01	2.0x1.25	1.35	250	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7682KTNA01	2.0x1.25	1.35	250	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7682MTNA01	2.0x1.25	1.35	250	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7472KTNA01	2.0x1.25	1.35	250	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ21GSB7472MTNA01	2.0x1.25	1.35	250	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7332KTNA01	2.0x1.25	0.95	250	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7332MTNA01	2.0x1.25	0.95	250	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7222KTNA01	2.0x1.25	0.95	250	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7222MTNA01	2.0x1.25	0.95	250	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7152KTNA01	2.0x1.25	0.95	250	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7152MTNA01	2.0x1.25	0.95	250	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7102KTNA01	2.0x1.25	0.95	250	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SB7102MTNA01	2.0x1.25	0.95	250	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH219SSD222KTNA01	2.0x1.25	0.95	100	(undefined)	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH219SSD472KTNA01	2.0x1.25	0.95	100	(undefined)	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH21GSSD392KTNA01	2.0x1.25	1.35	100	(undefined)	3900 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD101KTNA01	2.0x1.25	0.95	250	(undefined)	100 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD121KTNA01	2.0x1.25	0.95	250	(undefined)	120 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD151KTNA01	2.0x1.25	0.95	250	(undefined)	150 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD181KTNA01	2.0x1.25	0.95	250	(undefined)	180 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD221KTNA01	2.0x1.25	0.95	250	(undefined)	220 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD331KTNA01	2.0x1.25	0.95	250	(undefined)	330 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD391KTNA01	2.0x1.25	0.95	250	(undefined)	390 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD471KTNA01	2.0x1.25	0.95	250	(undefined)	470 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD561KTNA01	2.0x1.25	0.95	250	(undefined)	560 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD681KTNA01	2.0x1.25	0.95	250	(undefined)	680 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD821KTNA01	2.0x1.25	0.95	250	(undefined)	820 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ219SSD102KTNA01	2.0x1.25	0.95	250	(undefined)	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LAB5225KTCA01	3.2x1.6	1.8	100	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LAB5225MTCA01	3.2x1.6	1.8	100	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5105KTNA01	3.2x1.6	1.8	100	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5105MTNA01	3.2x1.6	1.8	100	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASH31LSB5474KTNA01	3.2x1.6	1.8	100	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5474MTNA01	3.2x1.6	1.8	100	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5334KTNA01	3.2x1.6	1.8	100	X5R/B	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5334MTNA01	3.2x1.6	1.8	100	X5R/B	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5224KTNA01	3.2x1.6	1.8	100	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5224MTNA01	3.2x1.6	1.8	100	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5154KTNA01	3.2x1.6	1.8	100	X5R/B	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5154MTNA01	3.2x1.6	1.8	100	X5R/B	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5104KTNA01	3.2x1.6	1.8	100	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5104MTNA01	3.2x1.6	1.8	100	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5683KTNA01	3.2x1.6	1.8	100	X5R/B	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5683MTNA01	3.2x1.6	1.8	100	X5R/B	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5473KTNA01	3.2x1.6	1.8	100	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB5473MTNA01	3.2x1.6	1.8	100	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5104KTNA01	3.2x1.6	1.8	250	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5104MTNA01	3.2x1.6	1.8	250	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5683KTNA01	3.2x1.6	1.8	250	X5R/B	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5683MTNA01	3.2x1.6	1.8	250	X5R/B	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5473KTNA01	3.2x1.6	1.8	250	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5473MTNA01	3.2x1.6	1.8	250	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5333KTNA01	3.2x1.6	1.8	250	X5R/B	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB5333MTNA01	3.2x1.6	1.8	250	X5R/B	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB5223KTNA01	3.2x1.6	1.8	630	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB5223MTNA01	3.2x1.6	1.8	630	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB5153KTNA01	3.2x1.6	1.8	630	X5R/B	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB5153MTNA01	3.2x1.6	1.8	630	X5R/B	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5103KTNA01	3.2x1.6	1.25	630	X5R/B	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5103MTNA01	3.2x1.6	1.25	630	X5R/B	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5682KTNA01	3.2x1.6	1.25	630	X5R/B	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5682MTNA01	3.2x1.6	1.25	630	X5R/B	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5472KTNA01	3.2x1.6	1.25	630	X5R/B	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5472MTNA01	3.2x1.6	1.25	630	X5R/B	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5332KTNA01	3.2x1.6	1.25	630	X5R/B	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5332MTNA01	3.2x1.6	1.25	630	X5R/B	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5222KTNA01	3.2x1.6	1.25	630	X5R/B	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5222MTNA01	3.2x1.6	1.25	630	X5R/B	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5152KTNA01	3.2x1.6	1.25	630	X5R/B	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5152MTNA01	3.2x1.6	1.25	630	X5R/B	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5102KTNA01	3.2x1.6	1.25	630	X5R/B	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB5102MTNA01	3.2x1.6	1.25	630	X5R/B	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LAC7225KCA01	3.2x1.6	1.8	100	X7S	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LAC7225MCA01	3.2x1.6	1.8	100	X7S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7105KTNA01	3.2x1.6	1.8	100	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7105MTNA01	3.2x1.6	1.8	100	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7474KTNA01	3.2x1.6	1.8	100	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7474MTNA01	3.2x1.6	1.8	100	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7334KTNA01	3.2x1.6	1.8	100	X7R	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7334MTNA01	3.2x1.6	1.8	100	X7R	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7224KTNA01	3.2x1.6	1.8	100	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7224MTNA01	3.2x1.6	1.8	100	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7154KTNA01	3.2x1.6	1.8	100	X7R	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7154MTNA01	3.2x1.6	1.8	100	X7R	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7104KTNA01	3.2x1.6	1.8	100	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7104MTNA01	3.2x1.6	1.8	100	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7683KTNA01	3.2x1.6	1.8	100	X7R	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7683MTNA01	3.2x1.6	1.8	100	X7R	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7473KTNA01	3.2x1.6	1.8	100	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSB7473MTNA01	3.2x1.6	1.8	100	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7104KTNA01	3.2x1.6	1.8	250	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7104MTNA01	3.2x1.6	1.8	250	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7683KTNA01	3.2x1.6	1.8	250	X7R	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7683MTNA01	3.2x1.6	1.8	250	X7R	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7473KTNA01	3.2x1.6	1.8	250	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7473MTNA01	3.2x1.6	1.8	250	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7333KTNA01	3.2x1.6	1.8	250	X7R	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSB7333MTNA01	3.2x1.6	1.8	250	X7R	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LAB7473KTNA01	3.2x1.6	1.8	630	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LAB7473MTNA01	3.2x1.6	1.8	630	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LAB7333KTNA01	3.2x1.6	1.8	630	X7R	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LAB7333MTNA01	3.2x1.6	1.8	630	X7R	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.  
For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASS31LSB7223KTNA01	3.2x1.6	1.8	630	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB7223MTNA01	3.2x1.6	1.8	630	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB7153KTNA01	3.2x1.6	1.8	630	X7R	0.015 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31LSB7153MTNA01	3.2x1.6	1.8	630	X7R	0.015 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7103KTNA01	3.2x1.6	1.25	630	X7R	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7103MTNA01	3.2x1.6	1.25	630	X7R	0.01 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7682KTNA01	3.2x1.6	1.25	630	X7R	6800 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7682MTNA01	3.2x1.6	1.25	630	X7R	6800 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7472KTNA01	3.2x1.6	1.25	630	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7472MTNA01	3.2x1.6	1.25	630	X7R	4700 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7332KTNA01	3.2x1.6	1.25	630	X7R	3300 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7332MTNA01	3.2x1.6	1.25	630	X7R	3300 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7222KTNA01	3.2x1.6	1.25	630	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7222MTNA01	3.2x1.6	1.25	630	X7R	2200 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7152KTNA01	3.2x1.6	1.25	630	X7R	1500 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7152MTNA01	3.2x1.6	1.25	630	X7R	1500 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7102KTNA01	3.2x1.6	1.25	630	X7R	1000 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS31QHB7102MTNA01	3.2x1.6	1.25	630	X7R	1000 pF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH31LSSD223KTNA01	3.2x1.6	1.8	100	(undefined)	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ31LSSD103KTNA01	3.2x1.6	1.8	250	(undefined)	0.01 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB5475KPCA01	3.2x2.5	2.7	100	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB5475MPCA01	3.2x2.5	2.7	100	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB5225KPCA01	3.2x2.5	2.7	100	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB5225MPCA01	3.2x2.5	2.7	100	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5475KCA01	3.2x2.5	2.1	100	X5R/B	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5475MCA01	3.2x2.5	2.1	100	X5R/B	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5105KTNA01	3.2x2.5	2.1	100	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5105MTNA01	3.2x2.5	2.1	100	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5684KTNA01	3.2x2.5	2.1	100	X5R/B	0.68 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5684MTNA01	3.2x2.5	2.1	100	X5R/B	0.68 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5474KTNA01	3.2x2.5	2.1	100	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5474MTNA01	3.2x2.5	2.1	100	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5334KTNA01	3.2x2.5	2.1	100	X5R/B	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5334MTNA01	3.2x2.5	2.1	100	X5R/B	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5224KTNA01	3.2x2.5	2.1	100	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5224MTNA01	3.2x2.5	2.1	100	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5154KTNA01	3.2x2.5	2.1	100	X5R/B	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB5154MTNA01	3.2x2.5	2.1	100	X5R/B	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5224KTNA01	3.2x2.5	2.1	250	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5224MTNA01	3.2x2.5	2.1	250	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5154KTNA01	3.2x2.5	2.1	250	X5R/B	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5154MTNA01	3.2x2.5	2.1	250	X5R/B	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5104KTNA01	3.2x2.5	2.1	250	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5104MTNA01	3.2x2.5	2.1	250	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5473KTNA01	3.2x2.5	2.1	250	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB5473MTNA01	3.2x2.5	2.1	250	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5473KTNA01	3.2x2.5	2.1	630	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5473MTNA01	3.2x2.5	2.1	630	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5333KTNA01	3.2x2.5	2.1	630	X5R/B	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5333MTNA01	3.2x2.5	2.1	630	X5R/B	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5223KTNA01	3.2x2.5	2.1	630	X5R/B	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB5223MTNA01	3.2x2.5	2.1	630	X5R/B	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSC7475KPCA01	3.2x2.5	2.7	100	X7S	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSC7475MPCA01	3.2x2.5	2.7	100	X7S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSC7475KCA01	3.2x2.5	2.1	100	X7S	4.7 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSC7475MCA01	3.2x2.5	2.1	100	X7S	4.7 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB7225KPCA01	3.2x2.5	2.7	100	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32MSB7225MPCA01	3.2x2.5	2.7	100	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7105KTNA01	3.2x2.5	2.1	100	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7105MTNA01	3.2x2.5	2.1	100	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7684KTNA01	3.2x2.5	2.1	100	X7R	0.68 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7684MTNA01	3.2x2.5	2.1	100	X7R	0.68 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7474KTNA01	3.2x2.5	2.1	100	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7474MTNA01	3.2x2.5	2.1	100	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7334KTNA01	3.2x2.5	2.1	100	X7R	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7334MTNA01	3.2x2.5	2.1	100	X7R	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7224KTNA01	3.2x2.5	2.1	100	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7224MTNA01	3.2x2.5	2.1	100	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7154KTNA01	3.2x2.5	2.1	100	X7R	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH32NSB7154MTNA01	3.2x2.5	2.1	100	X7R	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSASQ32NSB7224KTNA01	3.2x2.5	2.1	250	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7224MTNA01	3.2x2.5	2.1	250	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7154KTNA01	3.2x2.5	2.1	250	X7R	0.15 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7154MTNA01	3.2x2.5	2.1	250	X7R	0.15 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7104KTNA01	3.2x2.5	2.1	250	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7104MTNA01	3.2x2.5	2.1	250	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7473KTNA01	3.2x2.5	2.1	250	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ32NSB7473MTNA01	3.2x2.5	2.1	250	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7473KTNA01	3.2x2.5	2.1	630	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7473MTNA01	3.2x2.5	2.1	630	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7333KTNA01	3.2x2.5	2.1	630	X7R	0.033 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7333MTNA01	3.2x2.5	2.1	630	X7R	0.033 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7223KTNA01	3.2x2.5	2.1	630	X7R	0.022 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS32NSB7223MTNA01	3.2x2.5	2.1	630	X7R	0.022 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5225KTNA01	4.5x3.2	2.7	100	X5R/B	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5225MTNA01	4.5x3.2	2.7	100	X5R/B	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5155KTNA01	4.5x3.2	2.7	100	X5R/B	1.5 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5155MTNA01	4.5x3.2	2.7	100	X5R/B	1.5 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5105KTNA01	4.5x3.2	2.7	100	X5R/B	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5105MTNA01	4.5x3.2	2.7	100	X5R/B	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5474KTNA01	4.5x3.2	2.7	100	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB5474MTNA01	4.5x3.2	2.7	100	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5474KTNA01	4.5x3.2	2.7	250	X5R/B	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5474MTNA01	4.5x3.2	2.7	250	X5R/B	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5334KTNA01	4.5x3.2	2.7	250	X5R/B	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5334MTNA01	4.5x3.2	2.7	250	X5R/B	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5224KTNA01	4.5x3.2	2.7	250	X5R/B	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5224MTNA01	4.5x3.2	2.7	250	X5R/B	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5104KTNA01	4.5x3.2	2.7	250	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB5104MTNA01	4.5x3.2	2.7	250	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5104KTNA01	4.5x3.2	2.7	630	X5R/B	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5104MTNA01	4.5x3.2	2.7	630	X5R/B	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5683KTNA01	4.5x3.2	2.7	630	X5R/B	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5683MTNA01	4.5x3.2	2.7	630	X5R/B	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5473KTNA01	4.5x3.2	2.7	630	X5R/B	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB5473MTNA01	4.5x3.2	2.7	630	X5R/B	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7225KTNA01	4.5x3.2	2.7	100	X7R	2.2 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7225MTNA01	4.5x3.2	2.7	100	X7R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7155KTNA01	4.5x3.2	2.7	100	X7R	1.5 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7155MTNA01	4.5x3.2	2.7	100	X7R	1.5 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7105KTNA01	4.5x3.2	2.7	100	X7R	1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7105MTNA01	4.5x3.2	2.7	100	X7R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7474KTNA01	4.5x3.2	2.7	100	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASH45MSB7474MTNA01	4.5x3.2	2.7	100	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7474KTNA01	4.5x3.2	2.7	250	X7R	0.47 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7474MTNA01	4.5x3.2	2.7	250	X7R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7334KTNA01	4.5x3.2	2.7	250	X7R	0.33 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7334MTNA01	4.5x3.2	2.7	250	X7R	0.33 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7224KTNA01	4.5x3.2	2.7	250	X7R	0.22 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7224MTNA01	4.5x3.2	2.7	250	X7R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7104KTNA01	4.5x3.2	2.7	250	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASQ45MSB7104MTNA01	4.5x3.2	2.7	250	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7104KTNA01	4.5x3.2	2.7	630	X7R	0.1 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7104MTNA01	4.5x3.2	2.7	630	X7R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7683KTNA01	4.5x3.2	2.7	630	X7R	0.068 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7683MTNA01	4.5x3.2	2.7	630	X7R	0.068 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7473KTNA01	4.5x3.2	2.7	630	X7R	0.047 uF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASS45MSB7473MTNA01	4.5x3.2	2.7	630	X7R	0.047 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSASX45YAB7472KCA01	4.5x3.2	2	2000	X7R	4700 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)
MSASX45YAB7222KCA01	4.5x3.2	2	2000	X7R	2200 pF	± 10 %	(S)General Equipment (Incl. Mobile Devices)

## LW Reversal Decoupling Low ESR Multilayer Ceramic Capacitors (LWDC™)

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MSRLJ103SB5225MFNA01	0.52x1.0	0.35	6.3	X5R	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SB5105MFNA01	0.52x1.0	0.35	6.3	X5R	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SB5474MFNA01	0.52x1.0	0.35	6.3	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SB5104MFNA01	0.52x1.0	0.35	6.3	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLL103SB5474MFNA01	0.52x1.0	0.35	10	X5R	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLE103SB5224MFNA01	0.52x1.0	0.35	16	X5R	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLT103SB5104MFNA01	0.52x1.0	0.35	25	X5R	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLA103SC6225MFNA01	0.52x1.0	0.35	4	X6S	2.2 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLA103SC6105MFNA01	0.52x1.0	0.35	4	X6S	1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLA103SC6474MFNA01	0.52x1.0	0.35	4	X6S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLA103SC6224MFNA01	0.52x1.0	0.35	4	X6S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SC6474MFNA01	0.52x1.0	0.35	6.3	X6S	0.47 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLL103SC6224MFNA01	0.52x1.0	0.35	10	X6S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLE103SC6104MFNA01	0.52x1.0	0.35	16	X6S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SC7224MFNA01	0.52x1.0	0.35	6.3	X7S	0.22 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLJ103SC7104MFNA01	0.52x1.0	0.35	6.3	X7S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)
MSRLL103SC7104MFNA01	0.52x1.0	0.35	10	X7S	0.1 uF	± 20 %	(S)General Equipment (Incl. Mobile Devices)

## Multilayer Ceramic Capacitors - High Dielectric Type for Mobile Devices

Simple Product Catalog

Part Number	Size (LxW)[mm]	T (max)[mm]	Rated Volt. [Vdc]	Temperature Characteristic	Capacitance	Cap. Tole.	Applications
MEASA042SB5224KWNA01	0.4x0.2	0.22	4	X5R	0.22 uF	± 10 %	(E)Only for Mobile Devices
MEASA042SB5224MWNA01	0.4x0.2	0.22	4	X5R	0.22 uF	± 20 %	(E)Only for Mobile Devices
MEASJ042SB5224MW1A01	0.4x0.2	0.22	6.3	X5R	0.22 uF	± 20 %	(E)Only for Mobile Devices
MEASP042SC6224MWNA01	0.4x0.2	0.22	2.5	X6S	0.22 uF	± 20 %	(E)Only for Mobile Devices
MEASA042SC6224MWNA01	0.4x0.2	0.22	4	X6S	0.22 uF	± 20 %	(E)Only for Mobile Devices
MEASA063BB5225MFNA01	0.6x0.3	0.39	4	X5R	2.2 uF	± 20 %	(E)Only for Mobile Devices
MEASJ063BB5225MF1A01	0.6x0.3	0.39	6.3	X5R	2.2 uF	± 20 %	(E)Only for Mobile Devices
MEASJ063AB5105KF1A01	0.6x0.3	0.35	6.3	X5R	1 uF	± 10 %	(E)Only for Mobile Devices
MEASJ063AB5105MF1A01	0.6x0.3	0.35	6.3	X5R	1 uF	± 20 %	(E)Only for Mobile Devices
MEASL063BB5225MF1B33	0.6x0.3	0.39	10	X5R	2.2 uF	± 20 %	(E)Only for Mobile Devices
MEASL063AB5105KF1A01	0.6x0.3	0.35	10	X5R	1 uF	± 10 %	(E)Only for Mobile Devices
MEASL063AB5105MF1A01	0.6x0.3	0.35	10	X5R	1 uF	± 20 %	(E)Only for Mobile Devices
MEASE063BB5105MF1B33	0.6x0.3	0.39	16	X5R	1 uF	± 20 %	(E)Only for Mobile Devices
MEASP063BC6225MFNB46	0.6x0.3	0.39	2.5	X6S	2.2 uF	± 20 %	(E)Only for Mobile Devices
MEASL063BC6105MF1B33	0.6x0.3	0.39	10	X6S	1 uF	± 20 %	(E)Only for Mobile Devices
MEASA065QB5475MANC12	0.6x0.3	0.55	4	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASJ065QC6225MANA01	0.6x0.3	0.55	6.3	X6S	2.2 uF	± 20 %	(E)Only for Mobile Devices
MEASJ065QB5475MA1C12	0.6x0.3	0.55	6.3	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASA062PB5105MFNA01	0.6x0.3	0.22	4	X5R	1 uF	± 20 %	(E)Only for Mobile Devices
MEASP062PD6105MFNA01	0.6x0.3	0.22	2.5	X6T	1 uF	± 20 %	(E)Only for Mobile Devices
MEASA062PD6105MF1A01	0.6x0.3	0.22	4	X6T	1 uF	± 20 %	(E)Only for Mobile Devices
MEASP105CB5226MFNA01	1.0x0.5	0.7	2.5	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASP105CB5226MF1A01	1.0x0.5	0.7	2.5	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASA105CB5226MFNA01	1.0x0.5	0.7	4	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASA105CB5226MF1A01	1.0x0.5	0.7	4	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASA105CB5226MFNC12	1.0x0.5	0.7	4	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASJ105CB5226MF1C12	1.0x0.5	0.7	6.3	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASJ105CB5106MFNC12	1.0x0.5	0.7	6.3	X5R	10 uF	± 20 %	(E)Only for Mobile Devices
MEASJ105CB5106MF1C12	1.0x0.5	0.7	6.3	X5R	10 uF	± 20 %	(E)Only for Mobile Devices
MEASL105CB5106MF1B52	1.0x0.5	0.7	10	X5R	10 uF	± 20 %	(E)Only for Mobile Devices
MEASL105BB5475KFNA01	1.0x0.5	0.65	10	X5R	4.7 uF	± 10 %	(E)Only for Mobile Devices
MEASL105BB5475MFNB33	1.0x0.5	0.65	10	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASE105BB5475MF1B33	1.0x0.5	0.65	16	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASP105CC6226MFNC12	1.0x0.5	0.7	2.5	X6S	22 uF	± 20 %	(E)Only for Mobile Devices
MEASP105CC6226MF1A01	1.0x0.5	0.7	2.5	X6S	22 uF	± 20 %	(E)Only for Mobile Devices
MEASA105NC6226MA1A01	1.0x0.5	0.8	4	X6S	22 uF	± 20 %	(E)Only for Mobile Devices
MEASJ105CC6106MF1C12	1.0x0.5	0.7	6.3	X6S	10 uF	± 20 %	(E)Only for Mobile Devices
MEASJ1L3NB5475MFNA01	1.0x0.5	0.33	6.3	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASJ1L3NB5475MF1A01	1.0x0.5	0.33	6.3	X5R	4.7 uF	± 20 %	(E)Only for Mobile Devices
MEASA168BB5476MT1A01	1.6x0.8	1	4	X5R	47 uF	± 20 %	(E)Only for Mobile Devices
MEASE168BB5226MT1A01	1.6x0.8	1	16	X5R	22 uF	± 20 %	(E)Only for Mobile Devices
MEASL168BC6226MT1A01	1.6x0.8	1	10	X6S	22 uF	± 20 %	(E)Only for Mobile Devices
MEASA21GBB5107MTNA01	2.0x1.25	1.45	4	X5R	100 uF	± 20 %	(E)Only for Mobile Devices
MEASA21GBC6107MT2B46	2.0x1.25	1.45	4	X6S	100 uF	± 20 %	(E)Only for Mobile Devices
MEASJ21GBB5107MT1A01	2.0x1.25	1.45	6.3	X5R	100 uF	± 20 %	(E)Only for Mobile Devices
MEASP31LBB5227MTNB36	3.2x1.6	1.9	2.5	X5R	220 uF	± 20 %	(E)Only for Mobile Devices
MEASA31LBB5227MTNB36	3.2x1.6	1.9	4	X5R	220 uF	± 20 %	(E)Only for Mobile Devices
MEASJ31LBB5227MT1A01	3.2x1.6	1.9	6.3	X5R	220 uF	± 20 %	(E)Only for Mobile Devices
MEASP31LBC6227MTNB36	3.2x1.6	1.9	2.5	X6S	220 uF	± 20 %	(E)Only for Mobile Devices
MEASA31LBC6227MT1A01	3.2x1.6	1.9	4	X6S	220 uF	± 20 %	(E)Only for Mobile Devices
MEASJ32MAB5337MP1DT1	3.2x2.5	2.8	6.3	X5R	330 uF	± 20 %	(E)Only for Mobile Devices
MEASL32MAB5227MP1DT3	3.2x2.5	2.8	10	X5R	220 uF	± 20 %	(E)Only for Mobile Devices
MEASA32MAC6337MP1DT1	3.2x2.5	2.8	4	X6S	330 uF	± 20 %	(E)Only for Mobile Devices
MEASJ32MAC6227MP1DT3	3.2x2.5	2.8	6.3	X6S	220 uF	± 20 %	(E)Only for Mobile Devices