KEMET Part Number: C1210C105K5RACTU

(C1210C105K5RAC7800)



SMD Comm X7R, Ceramic, 1 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1210



Dimensions	
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
Т	1.55mm +/-0.15mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2000	

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours
Chip Size:	1210
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms

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