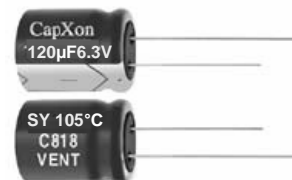


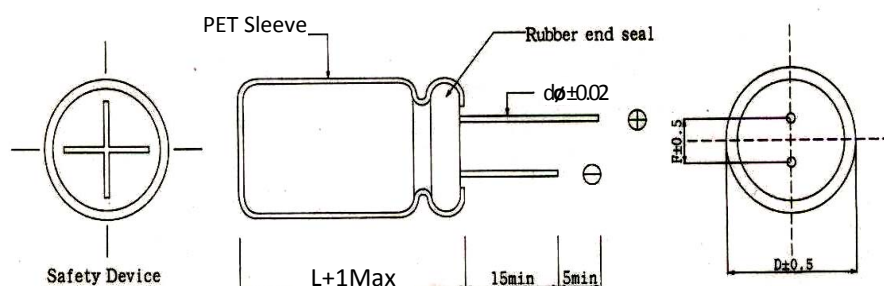
SY series

Part number	SY121M6R3E070A	
Capacitance	120	μF
Voltage	6.3	VDC
Surge Voltage	7	VDC
Capacitance Tolerance (@ +20°C)	±20	%
Ripple current (max, @100kHz,+105°C)	148	mA
Dissipation factor(tanδ @120Hz, +20°C)	18	%
Leakage Current (max, @ +20°C)*	8	μA
Impedance (max.@100kHz, +20°C)	0.77	Ω
Size	6.3x7	mm
Operating temperature	-55 to 105	°C
Endurance	2000	h



L.C.: After 2 min. with rated working voltage applied.

Test conditions	Endurance	Shelf Life
Duration time	2000h @ 105°C	1000h @ 105°C
Applied voltage	Rated DC working voltage, I _R	None
After test requirements (+20°C):		
Capacitance change	≤ ±20% of initial measured value	
Dissipation factor change	≤ 200% of the initial specified value	
Leakage current	≤ the initial specified value	
comment	Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min.	



D	6.3
L	7
F	2.5
dφ	0.5

Series	Cap	Tol.	Voltage	Case D	Case L	Type	Lead Treatm.	Special
1_2	3_4_5	6	7_8_9	10	11_12_13	14	15_16	17_18_19_20
SY	121	M	6R3	E	070	A	A	
	=120μF	=±20%	=6.3V	=6.3mm	=7mm	A=standard	no request	
	...							

Specification and description for the component(s) are subject to change without notice. For packaging, handling, precautions and warning information, please visit our website: www.capxongroup.com