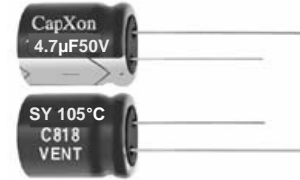


# Aluminum Electrolytic Capacitor



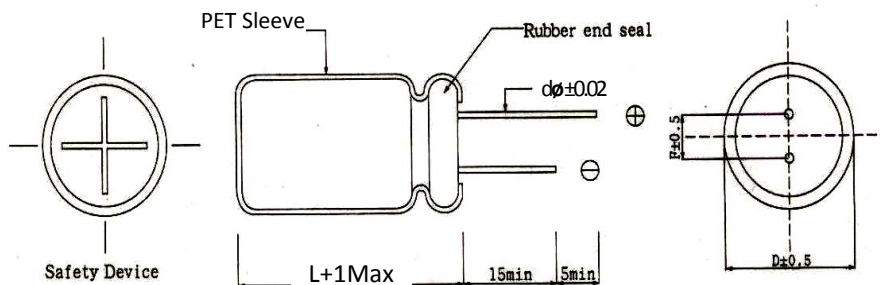
## SY series

Part number	<b>SY4R7M050B070A</b>	
Capacitance	4.7	μF
Voltage	50	VDC
Surge Voltage	58	VDC
Capacitance Tolerance (@ +20°C)	±20	%
Ripple current (max, @100kHz,+105°C)	60	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
Leakage Current (max, @ +20°C)*	3	μA
Impedance (max.@100kHz, +20°C)	3.5	Ω
Size	4x7	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 <sub>R</sub>	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	4
L	7
F	1.5
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
<b>SY</b>	<b>4R7</b>	<b>M</b>	<b>050</b>	<b>B</b>	<b>070</b>	<b>A</b>	<b>A</b>	
	=4.7μF	=±20%	=50V	=4mm	=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](http://www.capxongroup.com)

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