

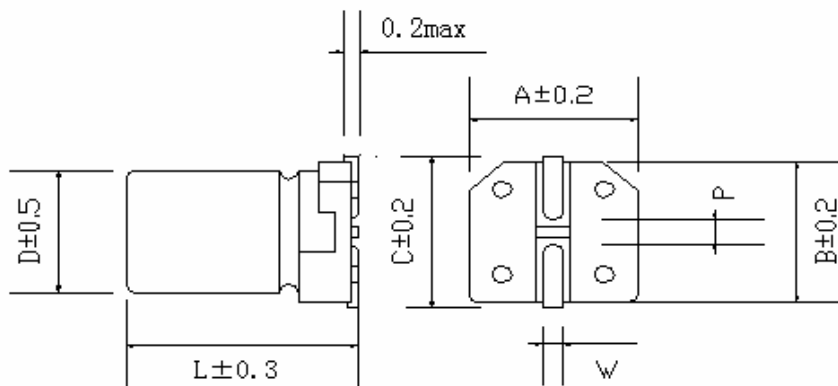
# AC Series

Part number	<b>AC101M050G105PTR</b>	
Capacitance	100	μF
Voltage	50	VDC
Surge Voltage	63	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @100kHz, +125°C)	1600	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
ESR (max, @100kHz, +20°C)	28	mΩ
Leakage Current (max, @ +20°C)*	50.0	μA
Size	10X10.5	mm
Operating temperature	-55 ~ +125	°C
Endurance	4000	h



\*I≤0.01CV or 3 μA max., whichever is greater  
After 2 minutes measured with rated working voltage applied.  
AEC-Q200 qualified

Test conditions	Endurance
Duration time	4000h @ 125°C
Applied voltage	Rated DC working voltage
After test requirements (+20°C):	
Capacitance change	≤ ±30% of initial measured value
Dissipation factor change	≤ 200% of the value specified
Leakage current*	≤ the value specified
ESR	≤ 200% of the value specified



D	L	A	B	C	W	P±0.2
10.0	10.5	10.3	10.3	7.2	0.7~1.1	4.5

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>AC</b>	<b>101</b>	<b>M</b>	<b>050</b>	<b>G</b>	<b>105</b>	<b>P</b>	<b>TR</b>	
	=100μF	=±20%	=50V	=10.0mm	=10.5mm	P=standard	=SMD tape and reel	
	...	..		...	...			

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)