

AC series

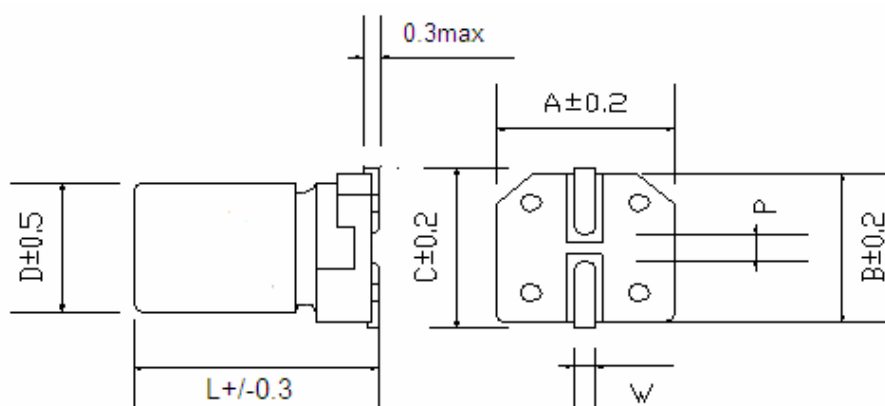
Part number	AC560M025E058PTR	
Capacitance	56	μF
Voltage	25.0	VDC
Surge Voltage	32.0	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @100kHz, +125°C)	900	mA
Dissipation factor(tanδ @120Hz, +20°C)	14	%
ESR (max, @100kHz, +20°C)	50	mΩ
Leakage Current (max, @ +20°C)*	14.0	μA
Size	6.3×5.8	mm
Operating temperature	-55 ~ +125	°C
Endurance	4000	h



After 2 minutes measured with rated working voltage applied.

AEC-Q200 Compliant

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
6.3	5.8	6.5	6.5	7.2	0.5~0.8	2.2

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
AC	560	M	025	E	058	P	TR	
	=56μF	=±20%	=25.0V	=6.3mm	=5.8mm	P=standard	=Without lead Treatment	
			

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