

PS series

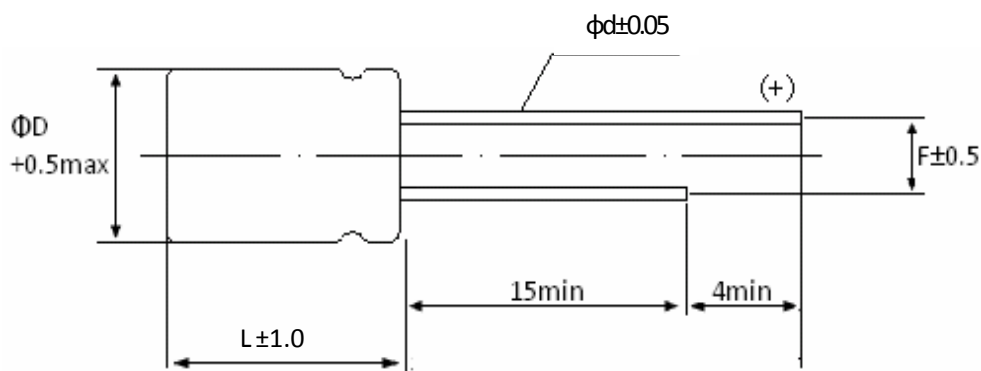
Part number	PS821M6R3F080P	
Capacitance	820	μF
Voltage	6.3	VDC
Surge Voltage	7.2	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @100kHz, +105°C)	5100	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
ESR (max, @100kHz, +20°C)	12	mΩ
Leakage Current (max, @ +20°C)*	516.6	μA
Size	8×8	mm
Operating temperature	-55 ~ +105	°C
Endurance	2000	h

*L.C ≤ 0.2CV (C = CAP., V = W.V.)

After 2 minutes measured with rated working voltage applied.



Test conditions	Endurance	Moisture Resistance
Duration time	2000h @ 105°C	1000h @ 60°C, RH90~95%
Applied voltage	Rated DC working voltage	None
After test requirements (+20°C):		
Capacitance change	≤ ±20% of initial measured value	
Dissipation factor change	≤ 150% of the value specified	
Leakage current*	≤ the value specified	
ESR	≤ 150% of the value specified	



D	8.0
L	8.0
F	3.5
φd	0.6

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
PS	821	M	6R3	F	080	P		
	=820μF	=±20%	=6.3V	=8mm	=8.0mm	P=standard		
			