

Features

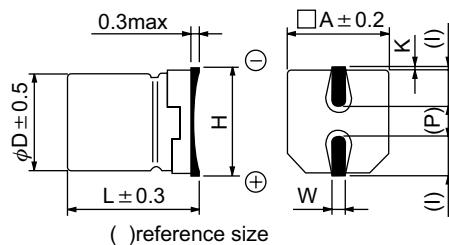
- Load Life : 125°C 2000 hours.
- For high density mounting.

**SPECIFICATION**

Item	Characteristic					
Operation Temperature Range	-40 ~ +125°C					
Rated Working Voltage	10 ~ 50VDC					
Capacitance Tolerance (120Hz 20°C)	±20%(M)					
Leakage Current (20°C)	I ≤ 0.01CV or 3 (μA)				I : Leakage Current (μA)	
	*Whichever is greater after 2 minutes				C : Rated Capacitance (μF)	
Surge Voltage (20°C)	W.V.	10	16	25	35	50
	S.V.	13	20	32	44	63
Dissipation Factor (tan δ) (120Hz 20°C)	W.V.	10	16	25	36	50
	tan δ	32	24	21	18	18
Low Temperature Stability	Impedance ratio at 120Hz					
	Rated Voltage (V)		10	16	25	50
	-25°C / +20°C		4	3	2	2
	-40°C / +20°C		12	8	6	4
Load Life	After 2000 hours application of WV at +125°C, the capacitor shall meet the following limits.					
	Capacitance Change	≤±30% of initial value				
	Dissipation Factor	≤300% of initial specified value				
	Leakage current	≤initial specified value				
Shelf Life		At +125°C, no voltage application after 1000 hours, the capacitor shall meet the limits for load life characteristics. (With voltage treatment)				
Resistance to Soldering Heat		Capacitors placed on a 250°C hot plate for 30 seconds with their electrode terminals facing downward will fulfill the following conditions after being cooled to room temperature.				
		Capacitance Change	≤±10% of initial value			
		Dissipation Factor	≤initial specified value			
		Leakage current	≤initial specified value			

DIMENSIONS (mm)

D	L	A	H	I	W	P	K
8.0	10.2	8.3	10.0MAX	3.4	0.90±0.2	3.1	0.70±0.20
10.0	10.2	8.3	12.0MAX	3.5	0.90±0.2	4.6	0.70±0.20



● CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm)
 Max ripple current : mA(rms) 125°C 120Hz