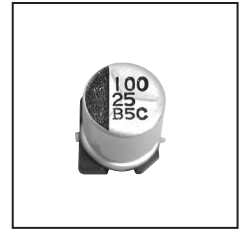


Features

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

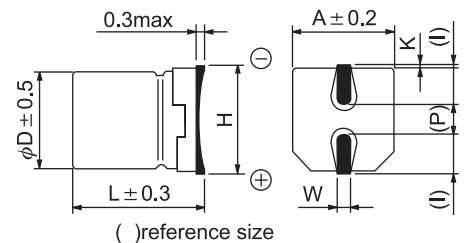


● SPECIFICATION

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)		
				V : Working Voltage (V)		
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	35	50
	tan δ	0.32	0.24	0.21	0.18	0.18
Low Temperature Stability	Impedance ratio at 120Hz					
	Rated Voltage (V)	10	16	25	35	50
	-25°C / +20°C	4	3	2	2	2
	-40°C / +20°C	12	8	6	4	4
Load Life	After 2000 hours application of W.V. and +125°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≤ rate working voltage)					
	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

μF	Code	V(Code)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
		Item	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	
10	100											8x10.2	34
22	220											8x10.2	50
33	330											8x10.2	60
47	470									8x10.2	75	10x10.2	85
100	101				8x10.2	70	8x10.2	75	10x10.2	120			
220	221	8x10.2	90	10x10.2	120	10x10.2	120						
330	331	10x10.2	120										

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