

CE-BD Series Miniature Low Profile 4.5mm Height

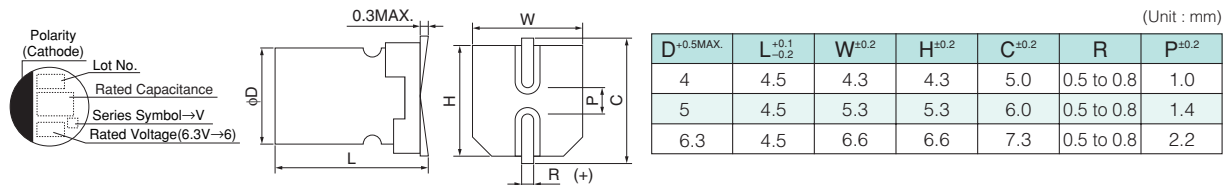


- Solvent proof (within 2 minutes)

Specifications

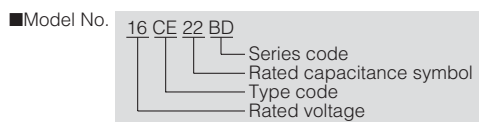
Items	Specifications							
Rated voltage (V)	4	6.3	10	16	25	35	50	
Category temperature range (°C)	-40 to +85							
Capacitance tolerance (%)	±20 (120Hz/20°C)							
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	0.40	0.30	0.24	0.20	0.16	0.14	0.12	
Leakage current (L.C.) (μA/after 2min.) (MAX.)	The greater value of either 0.01CV or 3							
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	7	4	3	2	2	2	2
	Z _{-40°C} /Z _{20°C}	15	10	8	6	4	4	4
Endurance 85°C, 1000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value						
	tanδ	≤ Twice the initial specified value						
	L.C.	≤ The initial specified value						

Marking, Dimensions



Size List, Rated Ripple Current

μF \ V	4	6.3	10	16	25	35	50
0.10							4 x 4.5 1.0
0.22							4 x 4.5 2.0
0.33							4 x 4.5 2.8
0.47							4 x 4.5 4.0
1.0							4 x 4.5 8.4
2.2							4 x 4.5 14
3.3							4 x 4.5 17
4.7					4 x 4.5 17	4 x 4.5 18	5 x 4.5 21
10				4 x 4.5 23	5 x 4.5 27	5 x 4.5 29	6.3 x 4.5 33
22		4 x 4.5 28	5 x 4.5 33	5 x 4.5 37	6.3 x 4.5 47	6.3 x 4.5 49	
33	4 x 4.5 28	5 x 4.5 37	5 x 4.5 41	6.3 x 4.5 51	6.3 x 4.5 57		
47	4 x 4.5 33	5 x 4.5 45	6.3 x 4.5 53	6.3 x 4.5 61			
100	5 x 4.5 56	6.3 x 4.5 70	6.3 x 4.5 74				
220	6.3 x 4.5 96						



Case size ; φD x L (mm)

Rated ripple current
mAr.m.s. (120Hz, 85°C)