

CE-NP Series

Bi-polar

5.4mm Height



- 85°C, 2000hrs.
- Solvent proof (within 2 minutes)

Specifications

Items	Specifications					
Rated voltage (V)	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)	0.26	0.22	0.20	0.20	0.20	0.18
Leakage current (L.C.) (μA/after 1min.) (MAX.)	0.03CV + 6					
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	4	3	2	2	2
	Z _{-40°C} /Z _{20°C}	8	6	4	4	3
Endurance 500hrs.x4 (alternately) 85°C, 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

(Unit : mm)						
D ^{+0.5MAX.}	L ^{+0.1 -0.2}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
4	5.4	4.3	4.3	5.0	0.5 to 0.8	1.0
5	5.4	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	5.4	6.6	6.6	7.3	0.5 to 0.8	2.2

Size List, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
0.10						4 1.0
0.22						4 2.3
0.33						4 3.5
0.47						4 5.0
1.0						4 10
2.2					4 8.4	5 15
3.3				4 10	5 17	5 18
4.7			4 12	5 19	5 20	6.3 23
10		4 17	5 25	6.3 28	6.3 30	
22	5 31	6.3 35	6.3 39			
33	6.3 39	6.3 43	6.3 57			
47	6.3 47					

Model No. 16 CE 10 NP
 Series code
 Rated capacitance symbol
 Type code
 Rated voltage

Case size ; φD (mm) | Rated ripple current mAr.m.s. (120Hz, 85°C)