

CE-NP Series

Bi-polar

5.4mm Height



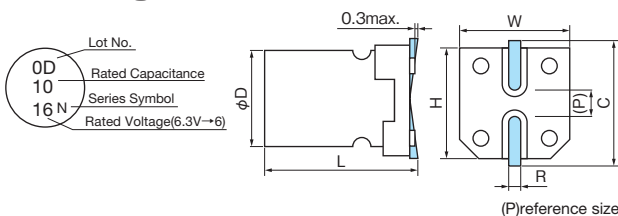
- 85°C 2,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

Specifications

Items	Condition	Specifications						
Rated voltage (V)	—	6.3	10	16	25	35	50	
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	
Category temperature range (°C)	—	-40 to +85						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.26	0.22	0.20	0.20	0.20	0.18	
Leakage current (LC)	μA/after 1 minutes (max.)	0.03CV + 6						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	4	3	2	2	2	2
		-40°C Z/Z _{20°C}	8	6	4	4	3	3
Endurance	500hours×4 (alternately) 85°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value					
		tanδ	Less than 200% of the specified value					
		LC	Less than the specified value					

Marking, Dimensions

(Unit : mm)



D ^{±0.5}	L ^{+0.1 -0.2}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
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, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
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	6.3 23
22	5 31	6.3 35	6.3 39	6.3 41		
33	6.3 39	6.3 43	6.3 57			
47	6.3 47					
100	6.3 50					

Please refer to page 14 for ripple current frequency coefficients.

Case size: φD(mm)

 Rated ripple current
mA_{rms}(120Hz, 85°C)

Part number

