

Aluminum Electrolytic Type / Surface Mount Type

RoHS compliance

CE-NP Series

Bi-polar
5.4mm Height

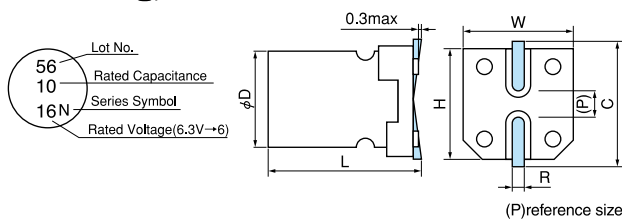


- 85°C, 2,000hours
- Solvent proof (within 2 minutes)

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)	tan δ (max) 120Hz/20°C	0.26	0.22	0.20	0.20	0.20	0.18	
Leakage current (LC)	μA/after 1 minute (max)	0.03CV + 6						
Impedance ratio at low temperature	Based 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					
		tan δ	Less than 200% of the specified value					
		LC	Less than the 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
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

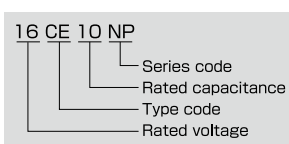
μF \ V	6.3	10	16	25	35	50
1.0						4 10
2.2					4 8.4	5 15
3.3				4 10	5 17	5 18
4.7			4 12	5 19	5 20	6.3 23
10		4 17	5 25	6.3 28	6.3 30	6.3 23
22	5 31	6.3 35	6.3 39	6.3 41		
33	6.3 39	6.3 43	6.3 57			
47	6.3 47					
100	6.3 50					

Please refer to page 15 for ripple current frequency coefficients.

Rated ripple current
mA rms (120Hz, 85°C)

Case size: φD(mm)

Part number



Surface Mount Type
Aluminum Electrolytic Capacitors

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FU
- CE-FS
- CE-FSS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-ZX
- CE-ZC
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-NP
- CE-FN