

CE-FN Series

105°C Bi-polar

5.4mm Height

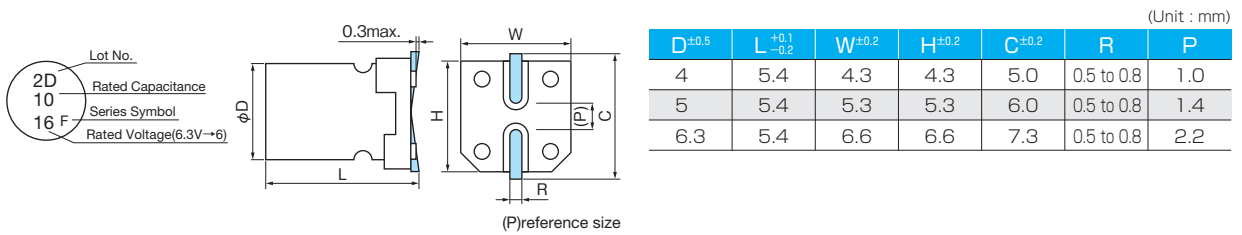


- 105°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

Specifications

Items	Condition	Specifications								
Rated voltage (V)	—	6.3	10	16	25	35	50	63		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79		
Category temperature range (°C)	—	-55 to +105								
Capacitance tolerance (%)	120Hz/20°C	M : ±20								
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.24	0.22	0.20	0.20	0.20	0.18	0.16		
Leakage current (LC)	μA/after 1minute (max.), 20°C	0.03CV + 6								
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-40°C Z/Z _{20°C}	3	3	2	2	2	2	2	
		-55°C Z/Z _{20°C}	8	6	4	4	3	3	3	
Endurance	500hours×2 (alternately) 105°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



Size, Rated Ripple Current

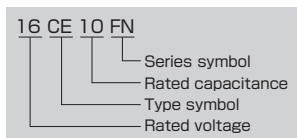
μF \ V	6.3	10	16	25	35	50	63
1.0						4	7.0
2.2					4	5.9	10
3.3				4	7.0	5	13
4.7			4	8.0	5	14	16
10		4	12	5	17	6.3	21
22	5	22	6.3	25	6.3	27	
33	6.3	27	6.3	30	6.3	40	
47	6.3	33					

Please refer to page 14 for ripple current frequency coefficients.

Case size: φD (mm)

 Rated ripple current
mArms (120Hz, 105°C)

Part number


 Aluminum Electrolytic Capacitors
Surface Mount Type
CE-LD
CE-FSS
CE-FS(High Voltage)
CE-FS
CE-AX
CE-ZX
CE-ZC
CE-LX
CE-GA
CE-LS
CE-LH
CE-LH(High Voltage)
CE-LL
CE-LF
CE-PC
CE-PH
CE-PS
CE-PF
CE-TH
CE-JX
CE-FN