

CE-LD Series

Low Profile 4.5mm Height

Long Life



- 105°C, 2,000 to 3,000hrs.
- 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 +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	120Hz/20°C	0.35	0.30	0.20	0.16	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3						
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}	10	8	6	4	4	4
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ4 to φ5 : 2,000hrs., φ6.3 : 3,000hrs.					
		ΔC/C	Within ±30% of the initial value					
		tan δ	≤ 3 times the initial specified value					
		LC	≤ 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	4.5	4.3	4.3	5.0	0.5 to 0.8	1.0
5	4.5	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	4.5	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
0.47						4×4.5 2.8
1.0						4×4.5 5.9
2.2						4×4.5 10
3.3						4×4.5 12
4.7				4×4.5 12	4×4.5 13	5×4.5 15
10			4×4.5 17	5×4.5 19	5×4.5 24	6.3×4.5 24
22	4×4.5 20	5×4.5 24	5×4.5 26	6.3×4.5 33	6.3×4.5 35	
33	5×4.5 26	5×4.5 29	6.3×4.5 36	6.3×4.5 40		
47	5×4.5 32	6.3×4.5 38	6.3×4.5 43	6.3×4.5 44		
100	6.3×4.5 49	6.3×4.5 52				

Please refer to page 15 for the ripple current frequency coefficient.

Rated ripple current
mA rms (120Hz, 105°C)

Case size: φD×L (mm)

Model No.

