

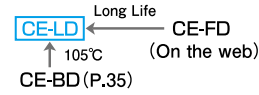
CE-LD Series

4.5mm Height

Long Life



- 105°C, 2,000 to 3,000hours
- 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 +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tan δ (max) 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 : 2,000hours, φ6.3 : 3,000hours					
		ΔC/C	Within ±30% of the initial value					
		tan δ	Less than 300% of the specified value					
		LC	Less than the specified value					

Marking, Dimensions

Polarity (Cathode)
 Lot No.
 56
 22
 16 L
 Rated Capacitance
 Series Symbol
 Rated Voltage(6.3V→6)

(P)reference size

(Unit : mm)						
D ^{+0.5max}	L ^{+0.1 -0.2}	W ^{+0.2}	H ^{+0.2}	C ^{+0.2}	R	P
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, 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 ripple current frequency coefficients.

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

Case size: φDXL (mm)

Part number

