

# CE-LD Series

Long Life

4.5mm Height



- 105°C 3,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

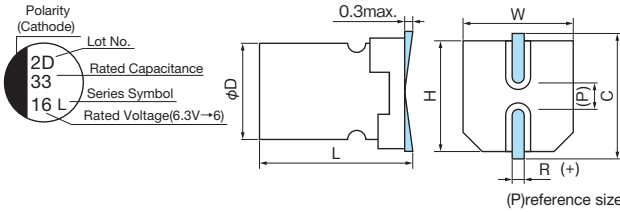
## Specifications

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 +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor(tan δ)	tanδ (max.) 120Hz/20°C	0.35	0.30	0.20	0.16	0.14	0.12	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	The greater value of either 0.01CV or 3						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z <sub>20°C</sub>	4	3	2	2	2
		-40°C	Z/Z <sub>20°C</sub>	10	8	6	4	4
Endurance	105°C, 3,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value					
		tanδ	Less than 300% of the specified value					
		LC	Less than the specified value					

### 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

## Marking, Dimensions



(Unit : mm)

D <sup>±0.5</sup>	L <sup>+0.1 -0.2</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P
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
10						6.3×4.5   24
22				6.3×4.5   33	6.3×4.5   35	
33			6.3×4.5   36	6.3×4.5   40		
47		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 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

 Rated ripple current  
mA<sub>rms</sub>(120Hz, 105°C)

## Part number

