

# CE-LD Series

Long Life

4.5mm Height

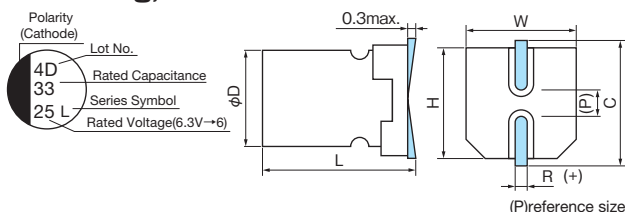


- 105°C 3,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

## 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		0.01CV					
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	2
		-40°C Z/Z <sub>20°C</sub>	10	8	6	4	4	4
Endurance	105°C, 3,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value					
		tanδ	Not more than 300% of the specified value					
		LC	Not more than the specified value					
Shelf Life	105°C, 1,000hours(with no voltage load)		Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.					

## Marking, Dimensions



(Unit : mm)

D <sup>+0.5</sup>	L <sup>+0.1</sup> -0.2	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 35	
33			→	6.3×4.5 40		
47		→	→	6.3×4.5 44		
100	→	6.3×4.5 52				

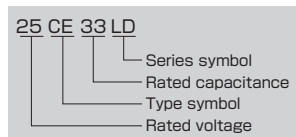
→Please use the higher voltage model in the next.

Please refer to page 16 for ripple current frequency coefficients.

Case size:φD×L(mm)

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

## Part number



### CE-LD

CE-FSS

CE-FS(High Voltage)

CE-FS

CE-AX

CE-ZX

CE-ZC **UPGRADE**

CE-LX **UPGRADE**

CE-GA

CE-LS

CE-LH

CE-LH(High Voltage)

CE-LL

CE-LF

CE-PC

CE-PH

CE-PS

CE-PF

CE-PL **NEW**

CE-PB

CE-TH

CE-JX **UPGRADE**

CE-FN