

# CE-LS Series

Low Impedance

Long Life

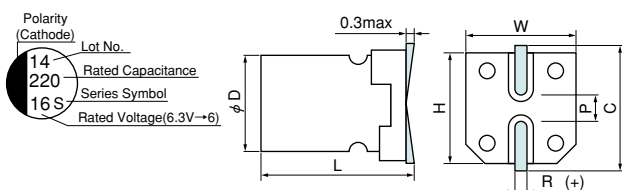


- 105°C, 3,000hrs.
- Solvent proof (within 2 minutes)

## 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	0.28	0.24	0.22	0.16	0.13	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 <sub>20°C</sub>	4	3	2	2	2	2
		-40°C Z/Z <sub>20°C</sub>	10	7	5	3	3	3
Endurance	105°C, 3,000hrs. rated voltage applied (With the rated ripple current)	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 <sup>+0.5max</sup>	L <sup>±0.3</sup>	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P <sup>±0.2</sup>
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2

## Size List, Impedance, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
10					5×6.0   1.30   95	6.3×6.0   2.00   70
22			5×6.0   1.30   95	5×6.0   1.30   95	6.3×6.0   0.70   140	6.3×6.0   2.00   70
33		5×6.0   1.30   95		6.3×6.0   0.70   140		6.3×7.7   1.35   100
47	5×6.0   1.30   95		6.3×6.0   0.70   140	6.3×6.0   0.70   140	6.3×7.7   0.60   230	
100	6.3×6.0   0.70   140		6.3×6.0   0.70   140	6.3×7.7   0.60   230		
150		6.3×6.0   0.70   140	6.3×7.7   0.60   230			
220	6.3×7.7   0.60   230		6.3×7.7   0.60   230			
330	6.3×7.7   0.60   230					

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

Case size: φDxL(mm)

Rated ripple current  
mA<sub>rms</sub>(100kHz, 105°C)

Impedance(Ω)  
max at 100kHz, 20°C

## Model No.

