

CE-LS Series

Low Impedance

Long Life



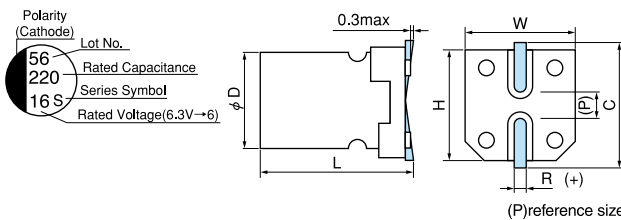
- 105°C, 3,000hours
- Solvent proof (within 2 minutes)

CE-LS ← Long Life CE-AX (P.48)

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	0.28	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 _{20°C}	4	3	2	2	2	2
		-40°C Z/Z _{20°C}	10	7	5	3	3	3
Endurance	105°C, 3,000hours rated voltage applied (With the rated ripple current)	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



(Unit : mm)

D ^{+0.5max}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
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, 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	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	6.3×6.0	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 ripple current frequency coefficients.

Case size: φDxL(mm)
 Impedance(Ω) max at 100kHz, 20°C
 Rated ripple current mA Arms(100kHz, 105°C)

Part number

