

CE-LL Series

Low Impedance

Long Life



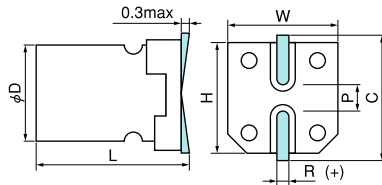
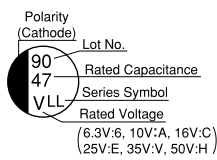
Aluminum Electrolytic Capacitors

- 105°C, 7,000 to 10,000hrs.
- 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)	—	-25 to +105							
Capacitance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor (tan δ)	120Hz/20°C	0.32	0.28	0.26	0.16	0.14	0.14		
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/Z20°C	4	3	2	2	2	2
Endurance	105°C, rated voltage applied (With the rated ripple current)	Test	φD ≤ 6.3 : 7,000hrs., φD ≥ 8 : 10,000hrs.						
		ΔC/C	Within ±30% of the initial value						
		tan δ	≤ 3 times the initial specified value						
		LC	≤ The initial specified value						

Marking, Dimensions



A pressure relief vent is attached to products over φD=8

(Unit : mm)

D±0.5max	L±0.3	W±0.2	H±0.2	C±0.2	R	P±0.2
5	7.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	7.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	8.4	6.6	6.6	7.3	0.5 to 0.8	2.2
8	10.2	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.2	10.3	10.3	11.0	1.0 to 1.4	4.6

Size List, Impedance, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
10					5×7.0 2.2 95	
22			5×7.0 2.2 95	5×7.0 2.2 95	5×7.0 2.2 95	
33		5×7.0 2.2 95		6.3×7.0 1.1 140	6.3×8.4 1.0 230	
47	5×7.0 2.2 95		6.3×7.0 1.1 140	6.3×7.0 1.1 140	6.3×8.4 1.0 230	8×10.2 0.53 350
100	6.3×7.0 1.1 140		6.3×7.0 1.1 140	6.3×8.4 1.0 230	8×10.2 0.22 600	10×10.2 0.35 670
150		6.3×7.0 1.1 140	6.3×8.4 1.0 230			
220	6.3×8.4 1.0 230		6.3×8.4 1.0 230	8×10.2 0.22 600	10×10.2 0.16 850	
330	6.3×8.4 1.0 230		8×10.2 0.22 600	10×10.2 0.16 850		
470	8×10.2 0.22 600		10×10.2 0.16 850			
1000	10×10.2 0.16 850					

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

Case size: φD×L(mm)
Impedance(Ω) max at 100kHz, 20°C

Rated ripple current mA rms (100kHz, 105°C)

Model No.

