

Aluminum Electrolytic Type / Surface Mount Type

RoHS compliance

CE-LL Series

Low Impedance

Long Life



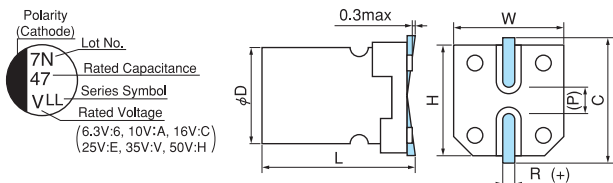
- 105°C, 7,000 to 10,000hours
- Solvent proof (within 2 minutes)



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)	tan δ (max) 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 : 7,000hours, φD ≥ 8 : 10,000hours						
		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	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

A pressure relief vent is provided for φD=8 or bigger

(P)reference size

Size, Impedance, Rated Ripple Current

V	6.3			10			16			25			35			50		
μF																		
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			6.3×8.4 1.8 100		
33				5×7.0 2.2 95						6.3×7.0 1.1 140			6.3×8.4 1.0 230			8×10.2 0.53 350		
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			8×10.2 0.22 600								
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																	

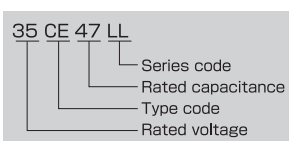
Please refer to page 15 for ripple current frequency coefficients.

Case size: φDxL(mm)

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

Impedance(Ω)
max at 100kHz, 20°C

Part number



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