

# CE-LL Series

Low Impedance

Long Life

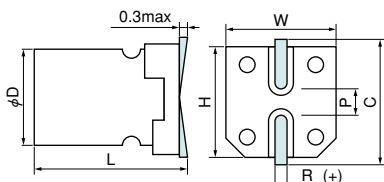
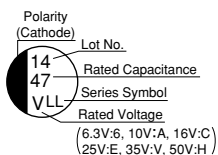


- 105°C, 7,000 to 10,000hrs.
- Solvent proof (within 2 minutes)

## 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/Z <sub>20°C</sub>	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 <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	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

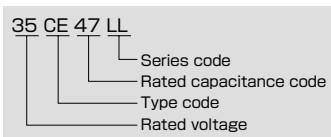
μF \ V	6.3	10	16	25	35	50
10					5×7.0   2.2   95	
22			5×7.0   2.2   95	5×7.0   2.2   95	5×7.0   2.2   95	
33		5×7.0   2.2   95		6.3×7.0   1.1   140	6.3×8.4   1.0   230	
47	5×7.0   2.2   95		6.3×7.0   1.1   140	6.3×7.0   1.1   140	6.3×8.4   1.0   230	8×10.2   0.53   350
100	6.3×7.0   1.1   140		6.3×7.0   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	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 the ripple current frequency coefficient.

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

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

## Model No.



- CE-BJ
- CE-BE
- CE-BD
- CE-BSS
- CE-BS
- CE-FE
- CE-FD
- CE-LD
- CE-FSS
- CE-FU
- CE-FS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-NP
- CE-FN
- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-LS
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-SWG
- ME-WG
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FAZ
- ME-FH
- ME-SWN
- ME-HWN