

# CE-LH Series

105°C Long Life

Mid. and High Voltage

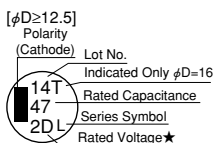
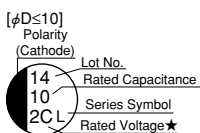


- 160 to 400V 105°C, 5,000hrs.
- Do not clean the capacitors using solvent.

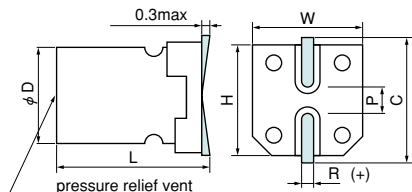
## Specifications

Items	Condition	Specifications		
Rated voltage (V)	—	160	200	400
Surge voltage (V)	Room temperature	200	250	450
Category temperature range (°C)	—	-40 to +105		
Capacitance tolerance (%)	120Hz/20°C	M : ±20		
Dissipation Factor (tan δ)	120Hz/20°C	0.20	0.20	0.25
Leakage current (LC)	μA/after 2minutes (max)	CV ≤ 1,000	0.03CV + 15	
		CV > 1,000	0.02CV + 25	
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z <sub>20°C</sub>	3	6
		-40°C Z/Z <sub>20°C</sub>	6	10
Endurance	105°C, 5,000hrs. 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



★ (160V : 2C, 200V : 2D, 400V : 2G)



(Unit : mm)

D <sup>+0.5max</sup>	L	W <sup>±0.2</sup>	H <sup>±0.2</sup>	C <sup>±0.2</sup>	R	P <sup>±0.2</sup>
8	10.5 <sup>+0.3</sup>	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5 <sup>+0.3</sup>	10.3	10.3	11.0	1.0 to 1.4	4.6
12.5	13.5 <sup>+0.5</sup>	12.8	12.8	13.5	1.0 to 1.4	4.6
16	16.5 <sup>+0.5</sup>	16.3	16.3	17.3	1.8 to 2.1	7.0

## Size List, Rated Ripple Current

μF	V	160	200	400
2.2				8×10.5 25
3.3			8×10.5 31	10×10.5 36
4.7			8×10.5 37	10×10.5 38
10	10×10.5	43	10×10.5 43	12.5×13.5 57
22	12.5×13.5	112	12.5×13.5 112	16×16.5 115
33	12.5×13.5	137	12.5×13.5 137	
47	16×16.5	180	16×16.5 180	
68	16×16.5	215	16×16.5 215	
82	16×16.5	235		

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

Rated ripple current  
mA Arms (120Hz, 105°C)

Case size: φD×L (mm)  
16×16.5: CE-LHT

## Model No.

