

CE-LH Series 105°C Long Life Mid and High Voltage



- 160 to 400V •105°C, 5000hrs.
- Do not clean the capacitors using solvent.

Specifications

Items		Specifications		
Rated voltage (V)		160	200	400
Category temperature range (°C)		-40 to +105		
Capacitance tolerance (%)		±20 (120Hz/20°C)		
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)		0.20	0.20	0.25
Leakage current (L.C.) (μA/after 2min.) (MAX.)		CV ≤ 1000 ; 0.03 CV + 15 CV > 1000 ; 0.02 CV + 25		
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	3	3	6
	Z _{-40°C} /Z _{20°C}	6	6	10
Endurance 105°C, 5000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value		
	tanδ	≤ 3 times the initial specified value		
	L.C.	≤ The initial specified value		

Marking, Dimensions

[φD≤10]

Polarity (Cathode)
Lot No.
Rated Capacitance
Series Symbol → L
Rated Voltage *

0.3MAX.
W
H
φ
R (+)
pressure relief vent

[φD≥12.5]

Polarity (Cathode)
Lot No.
Indicated Only φD=16
Rated Capacitance
Series Symbol → L
Rated Voltage *

(Unit : mm)

D ^{+0.5MAX.}	L	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
8	10.5 ^{±0.3}	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5 ^{±0.3}	10.3	10.3	11.0	1.1 to 1.4	4.6
12.5	13.5 ^{±0.5}	12.8	12.8	13.5	1.1 to 1.4	4.6
16	16.5 ^{±0.5}	16.3	16.3	17.3	1.8 to 2.1	7.0

* (160V : 2C, 200V : 2D, 400V : 2G)

Size List, Rated Ripple Current

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

16 x 16.5 ; CE-LHT series

Case size ; φD x L (mm)

Rated ripple current
mAr.m.s. (120Hz, 105°C)

Model No.

LH series 200 CE 22 LH
 Series code
 Rated capacitance symbol
 Type code
 Rated voltage

LHT series 200 CE 47 LHT
 Series code
 Rated capacitance symbol
 Type code
 Rated voltage