

# CE-LH Series

Long Life

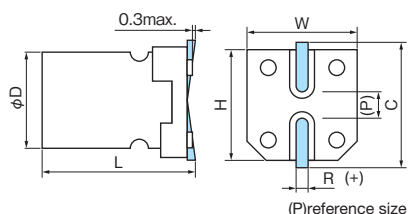
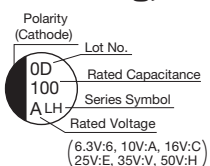


- 105°C 5,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

## 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)	—	-40 to +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.32	0.24	0.20	0.16	0.13	0.12	
Leakage current (LC)	μA/after 2minutes (max.)	The greater value of either 0.01CV or 3						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z <sub>20°C</sub>	4	3	2	2	2
		-40°C	Z/Z <sub>20°C</sub>	10	7	5	3	3
Endurance	105°C, 5,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value					
		tanδ	Less than 300% of the specified value					
		LC	Less than the specified value					

## Marking, Dimensions



(Unit : mm)

D <sup>+0.5</sup>	L <sup>+0.3</sup>	W <sup>+0.2</sup>	H <sup>+0.2</sup>	C <sup>+0.2</sup>	R	P
4	6.0	4.3	4.3	5.0	0.5 to 0.8	1.0
5	6.0	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5 to 0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5 to 0.8	2.2

## Size, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50
1.0						4×6.0 6.2
2.2						4×6.0 11
3.3						4×6.0 14
4.7					4×6.0 15	5×6.0 19
10			4×6.0 18	5×6.0 25	5×6.0 25	6.3×6.0 30
22		5×6.0 30	5×6.0 30	6.3×6.0 42	6.3×6.0 42	6.3×7.7 49
33	5×6.0 35	5×6.0 35	6.3×6.0 48	6.3×6.0 48	6.3×7.7 57	
47	5×6.0 36	6.3×6.0 50	6.3×6.0 50	6.3×7.7 63		
100	6.3×6.0 60	6.3×7.7 81	6.3×7.7 81			
220	6.3×7.7 101					

Please refer to page 14 for ripple current frequency coefficients.

Case size: φD×L (mm)

 Rated ripple current  
mA<sub>rms</sub>(120Hz, 105°C)

## Part number

