

CE-LH Series

Long Life



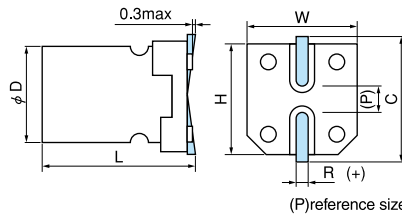
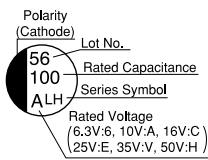
- 105°C, 5,000hours
- Solvent proof (within 2 minutes)



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)	—	-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 the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	4	3	2	2	2	2
		-40°C Z/Z _{20°C}	10	7	5	3	3	3
Endurance	105°C, 5,000hours rated voltage applied (With the rated ripple current)	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
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

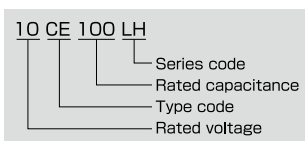
μF \ V	6.3	10	16	25	35	50
1.0						4×6.0 6.2
2.2						4×6.0 11
3.3						4×6.0 14
4.7					4×6.0 15	5×6.0 19
10			4×6.0 18	5×6.0 25	5×6.0 25	6.3×6.0 30
22		5×6.0 30	5×6.0 30	6.3×6.0 42	6.3×6.0 42	6.3×7.7 49
33	5×6.0 35	5×6.0 35	6.3×6.0 48	6.3×6.0 48	6.3×7.7 57	
47	5×6.0 36	6.3×6.0 50	6.3×6.0 50	6.3×7.7 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 15 for ripple current frequency coefficients.

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

Case size: φD×L (mm)

Part number



Surface Mount Type
Aluminum Electrolytic
Capacitors

- CE-BE
- CE-BD
- CE-BS
- CE-BSS
- CE-FE
- CE-LD
- CE-FU
- CE-FS
- CE-FSS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-ZX
- CE-ZC
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-PS
- CE-PF
- CE-TH
- CE-NP
- CE-FN