

CE-LF Series

Long Life
Low Impedance



- 105°C 7,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

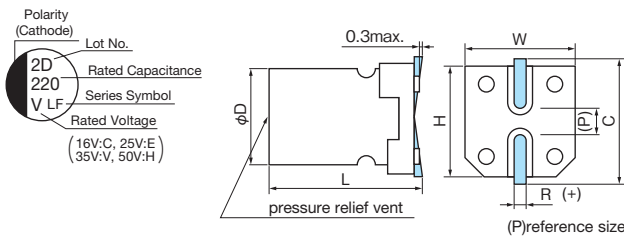
Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	16	25	35	50		
Surge voltage (V)	Room temperature	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	0.26	0.16	0.14	0.14		
Leakage current (LC)	μA/after 2minutes (max.), 20°C	0.01CV					
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C	Z/Z _{20°C}	2	2	2	2
Endurance	105°C, 7,000hours 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				

Surface Mount Type Aluminum Electrolytic Capacitors

CE-LD
CE-FSS
CE-FS(High Voltage)
CE-FS
CE-AX
CE-ZX
CE-ZC
CE-LX
CE-GA
CE-LS
CE-LH
CE-LH(High Voltage)
CE-LL
CE-LF
CE-PC
CE-PH
CE-PS
CE-PF
CE-TH
CE-JX
CE-FN

Marking, Dimensions



(Unit : mm)

D ^{±0.5}	L ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, Impedance, Rated Ripple Current

μF \ V	16			25			35			50		
100										8×10.5	0.53	350
220							8×10.5	0.22	600	10×10.5	0.35	670
330				8×10.5	0.22	600	10×10.5	0.16	850			
470	8×10.5	0.22	600	10×10.5	0.16	850						

Please refer to page 14 for ripple current frequency coefficients.

Impedance(Ω)
max. at 100kHz, 20°C

Case size: φD×L(mm)

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

Part number

