

CE-FSS Series

Small, High Capacitance

5.4mm Height

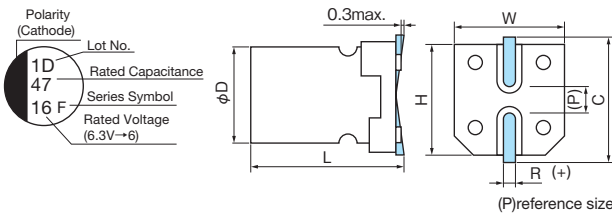


- 105°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

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)	tan δ (max.) 120Hz/20°C	0.35	0.30	0.26	0.20	0.16	0.12	
Leakage current (LC)	μA/after 2minutes (max.), 20°C	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 _{20°C}	4	3	2	2	2
		-40°C	Z/Z _{20°C}	10	8	6	4	4
Endurance	105°C, 1,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value(6.3V:±30%)					
		tan δ	Less than 300% of the specified value					
		LC	Less than the specified value					

Marking, Dimensions



(Unit : mm)

D ^{±0.5}	L ^{+0.1 -0.2}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
4	5.4	4.3	4.3	5.0	0.5 to 0.8	1.0
5	5.4	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	5.4	6.6	6.6	7.3	0.5 to 0.8	2.2

Size, Rated Ripple Current

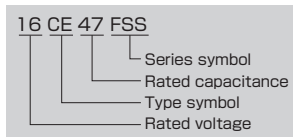
μF \ V	6.3	10	16	25	35	50
4.7						4×5.4 16
10				4×5.4 22	4×5.4 22	5×5.4 23
22		4×5.4 28	4×5.4 28	5×5.4 35	5×5.4 35	6.3×5.4 35
33	4×5.4 29	4×5.4 29	5×5.4 35	5×5.4 45	6.3×5.4 42	
47	4×5.4 36	5×5.4 43	5×5.4 39	6.3×5.4 70		
100	5×5.4 47	5×5.4 47				
150	6.3×5.4 71	6.3×5.4 71				
220	6.3×5.4 74					

Please refer to page 14 for ripple current frequency coefficients.

Case size: φD×L(mm)

Rated ripple current
mA_{rms}(120Hz, 105°C)

Part number



- CE-BD
- CE-BSS
- CE-BS
- CE-LD
- CE-FSS
- CE-FS
- CE-FS(High Voltage)
- CE-FH
- CE-AX
- CE-KX
- 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-NP
- CE-FN