

CE-FD Series

Miniature Low Profile

4.5mm Height

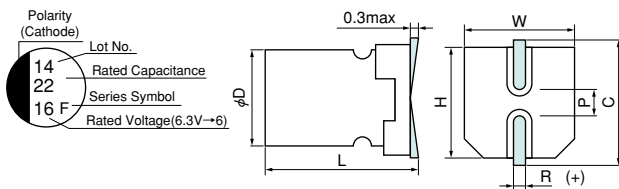


- 105°C, 1,000hrs.
- Solvent proof (within 2 minutes)

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)	120Hz/20°C	0.35	0.28	0.20	0.16	0.14	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	8	6	4	4	4
Endurance	105°C, 1,000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value					
		tan δ	≤ 3 times the initial specified value					
		LC	≤ The initial specified value					

Marking, Dimensions



(Unit : mm)

D ^{+0.5max}	L ^{+0.1 -0.2}	W ^{+0.2}	H ^{+0.2}	C ^{+0.2}	R	P ^{+0.2}
4	4.5	4.3	4.3	5.0	0.5 to 0.8	1.0
5	4.5	5.3	5.3	6.0	0.5 to 0.8	1.4
6.3	4.5	6.6	6.6	7.3	0.5 to 0.8	2.2

Size List, Rated Ripple Current

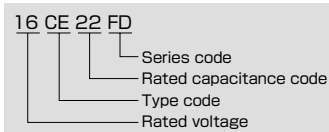
μF \ V	6.3	10	16	25	35	50
0.47						4x4.5 2.8
1.0						4x4.5 5.9
2.2						4x4.5 9.8
3.3						4x4.5 12
4.7				4x4.5 12	4x4.5 13	5x4.5 15
10			4x4.5 17	5x4.5 19	5x4.5 21	6.3x4.5 24
22	4x4.5 20	5x4.5 24	5x4.5 26	6.3x4.5 33	6.3x4.5 35	
33	5x4.5 26	5x4.5 29	6.3x4.5 36	6.3x4.5 40		
47	5x4.5 32	6.3x4.5 38	6.3x4.5 43	6.3x4.5 44		
100	6.3x4.5 49	6.3x4.5 52				

Please refer to page 15 for the ripple current frequency coefficient.

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

Case size:φDxL(mm)

Model No.



- CE-BJ
- CE-BE
- CE-BD
- CE-BSS
- CE-BS
- CE-FE
- CE-FD
- CE-LD
- CE-FSS
- CE-FU
- CE-FS
- CE-FH
- CE-GA
- CE-AX
- CE-KX
- CE-LX
- CE-LS
- CE-LH
- CE-LL
- CE-PC
- CE-PH
- CE-NP
- CE-FN
- ME-SWB
- ME-UZ·SZ
- ME-UAX·SAX
- ME-LS
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-SWG
- ME-WG
- ME-PX
- ME-HPC·HPD
- ME-FC·FD
- ME-FAZ
- ME-FH
- ME-SWN
- ME-HWN