

CE-FS Series

105°C Standard

High Voltage



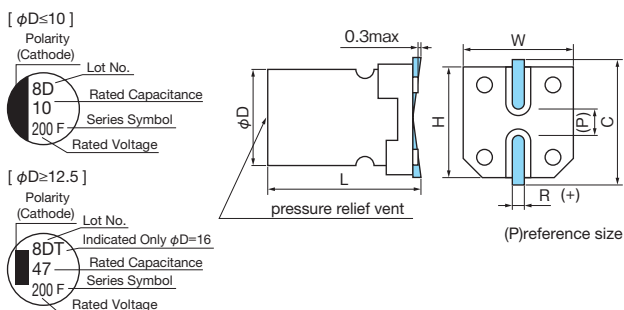
- 160 to 400V, 105°C 1,000 to 2,000hours
- Non solvent proof

Specifications

Items	Condition	Specifications				
Rated voltage (V)	—	160	200	250	400	
Surge voltage (V)	Room temperature	200	250	300	450	
Category temperature range (°C)	—	-40 to +105				
Capacitance tolerance (%)	120Hz/20°C	M : ±20				
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	0.20			0.25	
Leakage current (LC)	μA/after 2minutes (max)	CV ≤ 1000	0.03CV + 15			
		CV > 1000	0.02CV + 25			
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	3	3	3	6
		-40°C Z/Z _{20°C}	6	6	6	10
Endurance	105°C rated voltage applied (With the rated ripple current)	Test	φ8 : 1,000hours, φ10 to φ16 : 2,000hours			
		ΔC/C	Within ±25% of the initial value			
		tanδ	Less than 200% of the specified value			
		LC	Less than the specified value			

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	0.7~1.0	3.2
10	10.5	10.3	10.3	11.0	1.0~1.4	4.6
12.5	13.5 ^{+0.5}	12.8	12.8	13.5	1.0~1.4	4.6
16	16.5 ^{+0.5}	16.3	16.3	17.3	1.7~2.1	7.0

Size, Rated Ripple Current

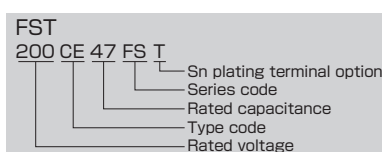
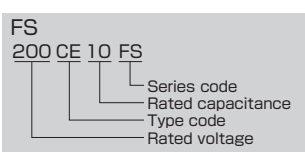
μF \ V	160	200	250	400
2.2				8×10.5 25
3.3			8×10.5 31	10×10.5 36
4.7			8×10.5 37	10×10.5 38
6.8			8×10.5 44	12.5×13.5 47
10	8×10.5 57	10×10.5 64	10×10.5 64	12.5×13.5 57
22	12.5×13.5 112	12.5×13.5 112	12.5×13.5 112	16×16.5 115
33	12.5×13.5 137	12.5×13.5 137	16×16.5 150	
47	16×16.5 180	16×16.5 180	16×16.5 180	
68	16×16.5 215	16×16.5 215		
82	16×16.5 235			

Please refer to page 14 for ripple current frequency coefficients.

 Case size: φD×L (mm)
 16×16.5: CE-FST

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

Part number



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Aluminium Electrolytic Capacitors - SMD category](#):

Click to view products by [SUN manufacturer](#):

Other Similar products are found below :

[GA0402A270FXBAC31G](#) [RVB-50V330MG10UQ-R](#) [RVJ-50V101MH10U-R](#) [RVZ-35V151MH10U-R2](#) [RC0J226M04005VR](#)
[RC0J476M05005VR](#) [RC1A227M08010VR](#) [RC1C226M05005VR](#) [RC1C476M6L005VR](#) [RC1E107M6L07KVR](#) [RC1E336M6L005VR](#)
[RC1H106M6L005VR](#) [RC1H475M05005VR](#) [RC1V227M10010VR](#) [RC1V476M6L006VR](#) [50SEV1M4X5.5](#) [TYEH1A336E55MTR](#)
[TYEH1H106F55MTR](#) [TYEH1V106E55MTR](#) [35SEV47M6.3X8](#) [35SGV220M10X10.5](#) [VES2R2M1HTR-0405](#) [VZH102M1ATR-1010](#)
[50SEV10M6.3X5.5](#) [50SGV1M4X6.1](#) [SC1C476M05005VR](#) [SC1E107M0806BVR](#) [SC1E227M08010VR](#) [SC1H106M05005VR](#)
[SC1H106M6L005VR](#) [SC1H227M10010VR](#) [SC1H335M04005VR](#) [CE4.7/50-SMD](#) [VEJ4R7M1VTR-0406](#) [VZH331M1ETR-0810](#)
[VES101M1CTR-0605](#) [TYEH1H475E55MTR](#) [6.3SEV22M4X5.5](#) [6.3SEV47M4X5.5](#) [EEEFK1H151GP](#) [EEEFK1A681GP](#) [EEE0GA471XP](#)
[EEEFK1V151GP](#) [RC1V107M6L07KVR](#) [VZH101M1VTR-0810](#) [VE010M1HTR-0405](#) [GYA1V151MCQ1GS](#) [EEH-ZC1J680P](#) [EEH-](#)
[ZK1V181P](#) [GYA1V271MCQ1GS](#)