

# CE-FSS Series

Small, High Capacitance

5.4mm Height



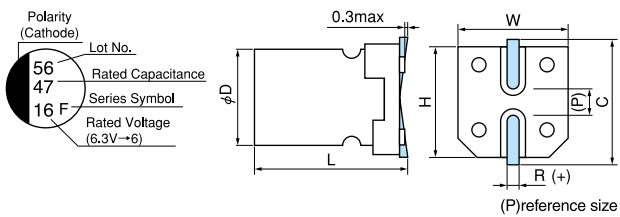
- Solvent proof (within 2 minutes)



## 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)	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)	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 <sub>20°C</sub>	4	3	2	2	2	2	
		-40°C Z/Z <sub>20°C</sub>	10	8	6	4	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 <sup>+0.5max</sup>	L <sup>+0.1 -0.2</sup>	W <sup>+0.2</sup>	H <sup>+0.2</sup>	C <sup>+0.2</sup>	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 15 for ripple current frequency coefficients.

Rated ripple current  
mArms(120Hz, 105°C)

Case size:φDXL(mm)

## Part number

