

# CE-FSS Series

Small, High Capacitance

5.4mm Height

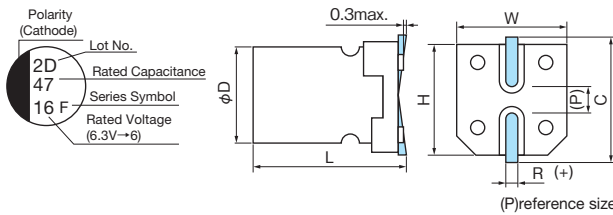


- 105°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

## 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)	tanδ (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 <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%)					
		tanδ	Less than 300% of the specified value					
		LC	Less than the specified value					

## Marking, Dimensions



(Unit : mm)

D <sup>±0.5</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						4x5.4 16
10				4x5.4 22	4x5.4 22	5x5.4 23
22		4x5.4 28	4x5.4 28	5x5.4 35	5x5.4 35	6.3x5.4 35
33	4x5.4 29	4x5.4 29	5x5.4 35	5x5.4 45	6.3x5.4 42	
47	4x5.4 36	5x5.4 43	5x5.4 39	6.3x5.4 70		
100	5x5.4 47	5x5.4 47				
150	6.3x5.4 71	6.3x5.4 71				
220	6.3x5.4 74					

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

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

## Part number

