

CE-FU Series

High Temperature Reflow Soldering

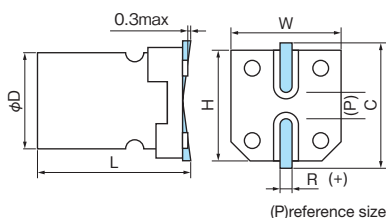
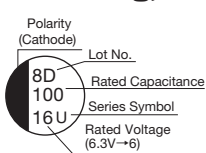
5.4mm Height

- 105°C 1,000hours
- 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)	—	-50 to +105						
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tan δ)	tanδ (max) 120Hz/20°C	0.30	0.24	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 on the value at 120Hz, +20°C	-40°C Z/Z _{20°C}	4	3	2	2	2	2
		-55°C Z/Z _{20°C}	8	8	4	4	3	3
Endurance	105°C, 1,000hours rated voltage applied (With the rated ripple current)	ΔC/C	Within ±30% of the initial value					
		tanδ	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
1.0						4×5.4 8
2.2						4×5.4 11
3.3						4×5.4 13
4.7				4×5.4 13	4×5.4 14	5×5.4 16
10			4×5.4 18	5×5.4 20	5×5.4 21	6.3×5.4 24
22	4×5.4 22	5×5.4 25	5×5.4 27	6.3×5.4 36	6.3×5.4 38	
33	5×5.4 27	5×5.4 30	6.3×5.4 40	6.3×5.4 44		
47	5×5.4 33	6.3×5.4 41	6.3×5.4 48			
100	6.3×5.4 50	6.3×5.4 53	6.3×5.4 60			

Please refer to page 14 for ripple current frequency coefficients.

Case size: φDxL(mm)

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

Part number

