

CE-FN Series

Bi-polar 105°C

5.4mm Height



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

Specifications

Items	Condition	Specifications								
Rated voltage (V)	—	6.3	10	16	25	35	50	63		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79		
Category temperature range (°C)	—	-55 to +105								
Capacitance tolerance (%)	120Hz/20°C	M: ±20								
Dissipation Factor (tan δ)	120Hz/20°C	0.24	0.22	0.20	0.20	0.20	0.18	0.16		
Leakage current (LC)	μA/after 1 minute (max)	0.03CV + 6								
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-40°C Z/Z20c	3	3	2	2	2	2	2	
		-55°C Z/Z20c	8	6	4	4	3	3	3	
Endurance	500hrs.x2(alternately) 105°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value							
		tan δ	≤ 2 times the initial specified value							
		LC	≤ The initial specified value							

Marking, Dimensions

Lot No.

14
10
16 F

Rated Capacitance
Series Symbol
Rated Voltage(6.3V→6)

(Unit : mm)

D ^{+0.5max}	L ^{+0.1 -0.2}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P ^{±0.2}
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 List, Rated Ripple Current

μF \ V	6.3	10	16	25	35	50	63
1.0						4	7.0
2.2						4	7.0
3.3				4	7.0	5	10
4.7			4	8.0	5	12	13
10		4	12	5	17	6.3	20
22	5	22	6.3	25	6.3	27	
33	6.3	27	6.3	30	6.3	40	
47	6.3	33					

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

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

Case size: φD(mm)

Model No.

