

Aluminum Electrolytic Type / Surface Mount Type

RoHS compliance

CE-FN Series

Bi-polar 105°C

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	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)	tan δ (max) 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/Z20°C	3	3	2	2	2	2	2	
		-55°C Z/Z20°C	8	6	4	4	3	3	3	
Endurance	500hours×2(alternately) 105°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value							
		tan δ	Less than 200% of the specified value							
		LC	Less than the specified value							

Marking, Dimensions

Lot No.

56

10

16 F

Rated Capacity

Series Symbol

Rated Voltage(6.3V→6)

(P)reference size

D ^{+0.5max}	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		63	
	1.0											4	7.0	4
2.2									4	5.9	5	10	5	10
3.3							4	7.0	5	12	5	13	6.3	13
4.7					4	8.0	5	13	5	14	6.3	16	6.3	16
10			4	12	5	17	6.3	20	6.3	21	6.3	18		
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 ripple current frequency coefficients.

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

Case size: φD(mm)

Part number

