

CE-FN Series

105°C Bi-polar

5.4mm Height

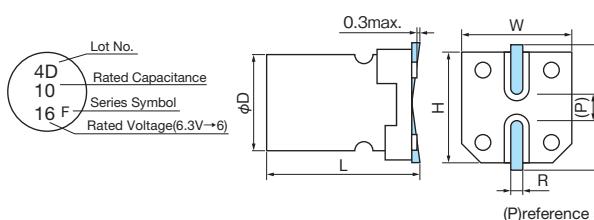


- 105°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

■ Specifications

Items	Condition	Specifications								
Rated voltage (V)	—	6.3	10	16	25	35	50	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)	tanδ(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.), 20°C				0.03CV + 6					
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	−40°C Z/Z _{20°C}	3	3	2	2	2	2	2	
		−55°C Z/Z _{20°C}	8	6	4	4	3	3	3	
Endurance	500hours×2(alternately) 105°C rated voltage applied (With the rated ripple current)	△C/C	Within ±25% of the initial value							
		tanδ	Not more than 200% of the specified value							
Shelf Life	105°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.								

■ 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

(P)reference size

■ Size, Rated Ripple Current

μF	V	6.3	10	16	25	35	50	63
1.0							4	7.0
2.2						4	5.9	5
3.3					4	7.0	5	12
4.7				4	8.0	5	14	6.3
10			4	12	5	17	6.3	18
22	5	22		→	6.3	27		
33	→		→		6.3	40		
47	6.3	33						

→Please use the higher voltage model in the next.

Please refer to page 16 for
ripple current frequency coefficients.

Case size:φD(mm)

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

■ Part number

