

CE-PF Series

125°C Long Life

High Ripple Current

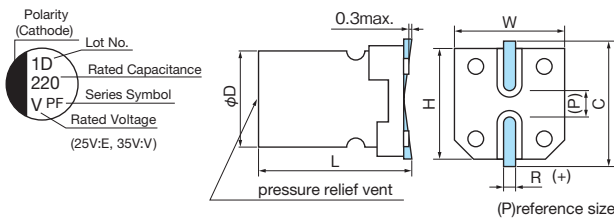


- 125°C 4,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

Specifications

Items	Condition	Specifications	
Rated voltage (V)	—	25	35
Surge voltage (V)	Room temperature	32	44
Category temperature range (°C)	—	-40 to +125	
Capacitance tolerance (%)	120Hz/20°C	M : ±20	
Dissipation Factor (tan δ)	tanδ (max.) 120Hz/20°C	0.16	0.14
Leakage current (LC)	µA/after 2minutes (max.), 20°C	0.01CV	
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	2
		-40°C Z/Z _{20°C}	3
Endurance	125°C, 4,000hours rated voltage applied (With the rated ripple current)	△C/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 ^{±0.3}	W ^{±0.2}	H ^{±0.2}	C ^{±0.2}	R	P
8	10.5	8.3	8.3	9.0	0.7 to 1.0	3.2
10	10.5	10.3	10.3	11.0	1.0 to 1.4	4.6

Size, ESR, Rated Ripple Current

µF	V	25			35		
		Case size	ESR (Ω)	Rated ripple current	Case size	ESR (Ω)	Rated ripple current
100							
150		8×10.5	0.30	300	8×10.5	0.30	300
220							
330		10×10.5	0.20	500	10×10.5	0.20	500

Please refer to page 14 for ripple current frequency coefficients.

 ESR (Ω)
max. at 100kHz, 20°C

 Rated ripple current
mA_{rms}(100kHz, 125°C)

Case size: φD×L(mm)

Part number

