

RFZ Series

◆ Features

Load life 8000-10000 hours at 105°C.

Used in electronic ballast, switching power supply,

Industrial measuring instruments, automotive applications, etc.



◆ Specifications

Item	Characteristics						
Operating temperature range	-40°C~+105°C			-25°C~+105°C			
Rated voltage range	160-400V			450V			
Nominal capacitance range	1μF~220μF						
Capacitance tolerance	±20% (120Hz·20°C)						
leakage current(20°C)	I≤0.02CV +25μA(whichever is greater) after 2minute						
	I: Leakage current C: Nominal capacitance V: Rated voltage						
Dissipation factor (120Hz·20°C)	Rated voltage(V)	160	200	250	350	400	450
	tgδ(MAX)	0.15	0.15	0.15	0.20	0.20	0.20
Surge Voltage	SV	200	250	300	400	450	500
Low temperature characteristics (Impedance ratio max. at 120Hz)	Z—25°C/Z+20°C	3	3	3	6	6	6
Load Life	After applying rated voltage for 8000 -10000hours at 105°C then resumed 16 hours:						
	Capacitance change	Within ±20% of the initial measured value					
	tgδ	≤200% of the initial specified value					
	Leakage current	≤initial specified value					
Shelf Life	After storage for 1000 hours at 105°C then resumed 16 hours:						
	Capacitance change	Within ±20% of the initial measured value					
	tgδ	≤200% of the initial specified value					
	Leakage current	≤initial specified value					

◆ Diagram of Dimensions(mm)

	φD	8	10	13	16	18
	F±0.5	3.5	5.0	5.0	7.5	7.5
	φd±0.05	0.5	0.6	0.6	0.8	0.8
	α	1.0	1.5	1.5	2.0	2.0