



RRZ Series

◆ Features

Load life 3000hours at 105°C.

Used in electronic ballast,switching power supply, industrial measuring instruments,automotive applications,etc.

◆ Specifications

Item	Characteristics						
Operating temperature range	-40~+105°C			-25~+105°C			
Rated voltage range	160V~400V DC			450V DC			
Nominal capacitance toletance	1μF~220μF						
Capacitance toletance	±20% (120Hz 20°C)						
leakage current(20°C)	I≤0.02CV+25μA after 2 minute						
	I: Leakage current C: Normal capacitance V: Rated voltage						
Surge Voltage	WV	160	200	250	350	400	450
	SV	200	250	300	400	450	500
Dissipation factor (120Hz 20°C)	Rated voltage(V)	160	200	250	350	400	450
	tgδ	0.15	0.15	0.15	0.20	0.20	0.20
	When capacitance is more than1000μF, tgδ will add 0.02 per 1000μF addition.						
Low temperature characteristics (Impedance ratio max. at 120Hz)	Rated voltage(v)	160	200	250	350	400	450
	Z-25°C/Z+20°C	3	3	3	5	5	6
Endurance	After applying rated for 3000 hours						
	Capacitance change	Within ±25% 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	5	6.3	8	10	13	16	18	22
	F±0.5	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10
	φd±0.05	0.5	0.5	0.5	0.6	0.6	0.8	0.8	0.8
	α	1.0		1.5		2.0			