

RLZ Series



◆ Features

- Load life 10000-12000 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				450-500V			
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	500
	tgδ(MAX)	0.15	0.15	0.15	0.20	0.20	0.20	0.20
Surge Voltage	WV	160	200	250	350	400	450	500
	SV	200	250	300	400	450	500	550
Low temperature characteristics (Impedance ratio max. at 120Hz)	Z—25°C/Z+20°C	3	3	3	5	5	6	12
Load Life	After applying rated voltage for 10000 -12000hours 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