

# RIP series



## ◆ Features

- Load life of 3000hours at 105°C.
- Used in switching power supply.

## ◆ Specifications

Item	Characteristics										
Operating temperature range	-40~+105°C					-25~+105°C					
Rated voltage range	10V~100V DC					160V~500V DC					
Nominal capacitance tolerance	47µF~47000µF										
Capacitance tolerance	±20% (120Hz-20°C)										
leakage current (20°C)	I ≤ 3 √CV after 5minute I: Leakage current C: Nominal capacitance V: Rated voltage										
	Less than the value under table (%)										
Surge Voltage	Cap(uf)\Rated voltage(V)	10~16	25~35	50~63	80~100	160~250	315~500				
	47~390	—	—	—	15	15	20				
Dissipation factor (120Hz-20°C)	470~3900	25	20	20	20	15	20				
	4700~8200	35	30	30	25	—	—				
	10000~22000	40	35	30	—	—	—				
Low temperature characteristics (impedance ratio max. at 120Hz)	27000~47000	45	40	35	—	—	—				
	56000~68000	50	45	—	—	—	—				
	Rated voltage(v)	10	16	25	35	50	63	80	100	160~250	315~450
	Z—25°C/Z+20°C	5	5	4	4	4	3	3	3	6	8
Endurance	Z—40°C/Z+20°C	15	15	15	15	15	15	12	—	—	
	After applying rated for 3000 hours at 105°C then resumed 16 hours:										
	Capacitance change	Within ±20% of the initial measured value									
	tgδ	≤200% of the initial specified value									
Shelf life	Leakage current	≤initial specified value									
	After storage for 1000 hours at 105°C then resumed 16 hours:										
	Capacitance change	Within ±15% of the initial measured value									
	tgδ	≤150% of the initial specified value									
Shelf life	Leakage current	≤initial specified value									

## ◆ Diagram of Dimensions(mm)

