



RP

Series

Features

- ⑥ , 105 2000 ,
High ripple current, Smaller size, Load life of 2000 hours at 105 ,
- Used in Inverter welding machine.
- ⑦ RoHS Adapted to the RoHS directive.

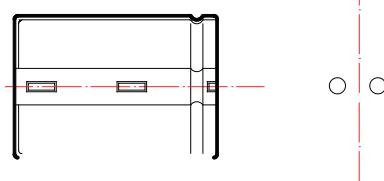


Specifications

Items	Performance Characteristics		
Operating Temperature Range	-25~ +105		
Rated Voltage Range	200~ 450V		
Capacitance Tolerance	± 20% (120Hz, + 20°C)		
Leakage Current	I 0.01CV (μ A)	1.5mA (5)	at 20 , after 5 minutes, Whichever is smaller
(tg) Dissipation Factor (+ 20 , 120Hz)	Rated voltage(V) tg	200V~ 250V 0.15	400~ 450V 0.18
Temperature Characteristics (Impedance ratio at 120Hz)	U _R (V) Z-25 /Z+ 20	200V~ 250V 4	400~ 450V 8
Load Life	+ 105 After applying rated voltage with specified ripple current for 2000 hours at + 105 and then resumed for 16 hours: Capacitance change Leakage current Dissipation factor	2000 ± 20% Initial specified value 2	16 ± 20% of the initial measured value 2 times of the initial specified value
Shelf Life	+ 105 1000 After storage for 1000 hours at + 105 , U _R to be applied for 30 minutes and then resumed for 16 hours: Capacitance change Leakage current Dissipation factor	30 ± 20% Initial specified value 2	16 ± 20% of the initial measured value 2 times of the initial specified value

Case Table

Unit: mm



Frequency Coefficient

U _R (V) \ (Hz)	50	120	300	1K	10K	100K
200~ 450	0.80	1.00	1.20	1.30	1.41	1.43

Capacitance change 20% $\pm 0\%$ of ed value