

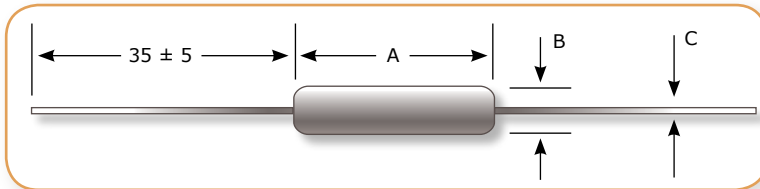
RF Series, High Frequency Power Resistors

Thick film, Non-Inductive

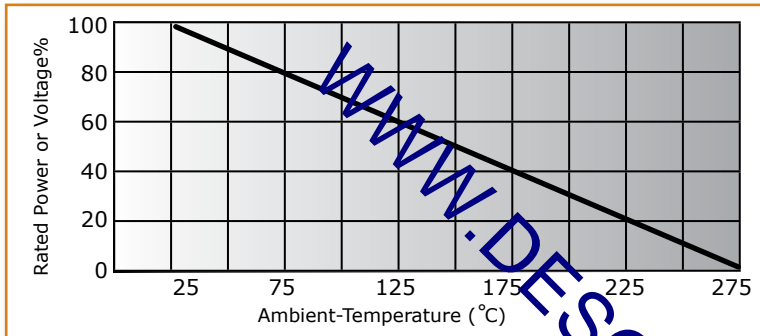


3R Lab

DIMENSIONS [mm]



DERATING CURVE



APPLICATION GUIDE ; RF SERIES

- RF Termination
- RF Dummy Load
- Wave Form Load
- High Frequency
- Charging/Discharging
- AVR , UPS
- Current dividing
- Elevators control
- Electrical Trains
- Experimentals
- High Frequency Circuits
- Inverters
- Power Braking
- Military
- Hoist Cranes
- Motor Dynamic Braking
- Industrial Vehicles
- Power Supply
- Medical Equipments
- Server Drivers
- Power Loaders
- Snubbers
- Telecomm Equipments
- Shunt
- Testing Equipments
- Inrush Current Limiters
- Preloads
- Dummy Loads
- Rectifier
- Soft Start
- EMI Suppresions

SPECIFICATIONS

Resistance Tolerance :
1%, 2%, 5%, 10%

Temperature Coefficient :
Std. 100ppm/ °C, referenced to 25°C, from -15°C to +105°C, other TCR available upon requests.

Overload :
5times rated power with applied voltage not to exceed 1.5times Max. continuous operating voltage for 5seconds, overload/ overvoltage ΔR 0.50% typ.

Thermal Shock :
Mil-Std-202, Method- 107, Cond. C, ΔR 0.50% max.

Load Life :
1.000 hours at rated power ΔR 0.5% at DC
AC: ΔR 3.0% at repetitive pulse energy

Moisture Resistance:
Mil-Std-202, Method 106, ΔR 0.50% max.

Lead Material : RF07 ~RF5 ;
Tinned copper solderable wire

Insulation Resistance :
10,000Megohms Min.

Termination Cap of Material :
RF07~RF5 ; Tinned Cap & Wire
RF50~RF200; AL alloy Cap M6.

Encapsulation :
High frequency silicone conformal, Glass

cf.: The described specifications & dimensions subject to change without notice.



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