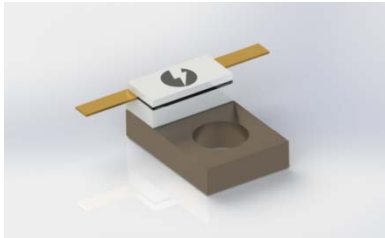


Resistor, Flanged

Frequency Range: DC to 4 GHz, Power: 50 Watts



Features

- Integrated Heat sink
- Thin Film Resistor
- Tabbed Contacts
- High Power

PPR300-50 series Terminations are designed to dissipate up to 50 watts of RF power. These flange resistives are integrated on .300" x .200" heat sink and are used in Isolators, Attenuators and Power Dividers. Standard models of PPR300-50 have resistance values of 50 and 100 ohm with 5% tolerance, but other designs are available upon request.

Technical Specifications

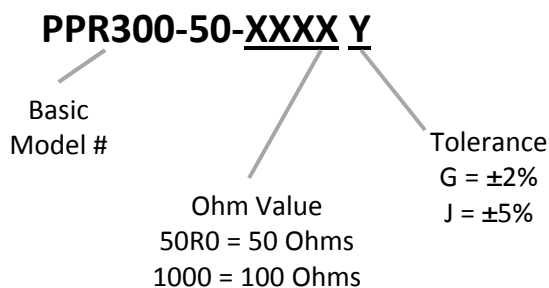
Parameter	Value
Frequency Range	DC to 4 GHz
Impedance	50 \pm 5% Standard
Power Handling*	50 Watts average Derated Linearly to 0 Watts @ +150°C
Operating Temp Range	-55°C to +150°C

Material

Feature	Material
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Cover	Alumina Ceramic
Flange	Nickel Plated Copper
Tab	Gold Plated Beryllium Copper

*Mounting surfaces shall not exceed 100°C. Max.

How to Order

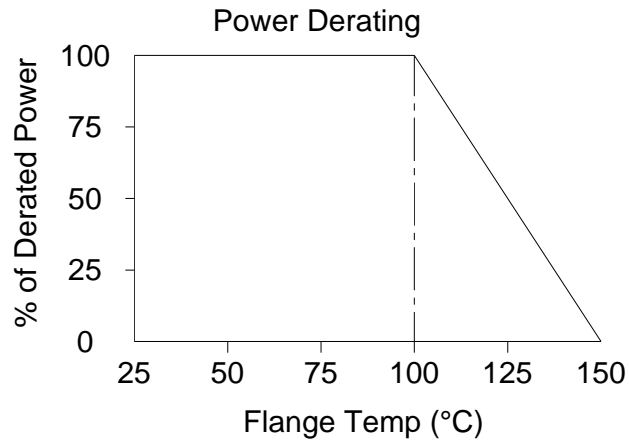


Ordering Examples

Model Number: PPR300-50-50R0J
50 ohm, \pm 5%

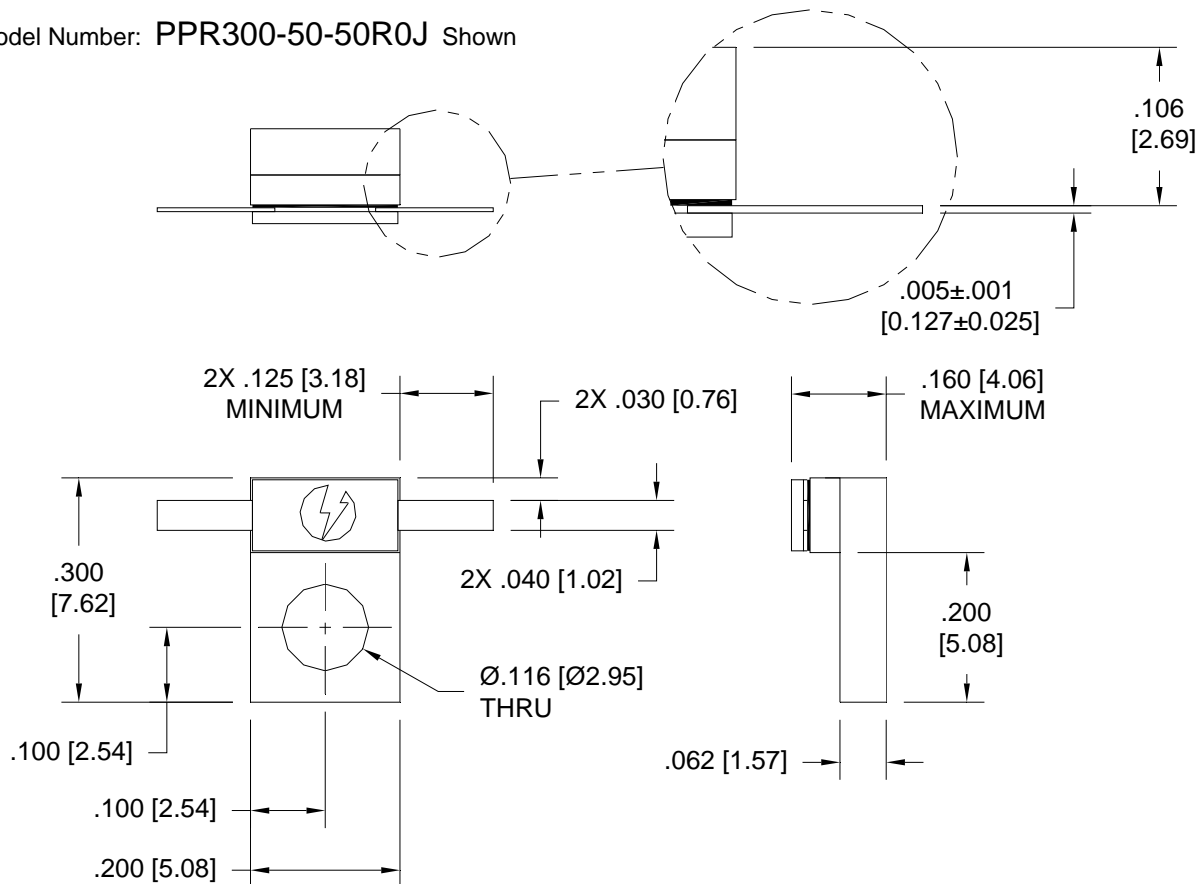
Model Number: PPR300-50-2000G
200 ohm, \pm 2%

Performance Characteristics



Physical Dimensions

Model Number: PPR300-50-50R0J Shown



Tolerance: .XXX = ±.010