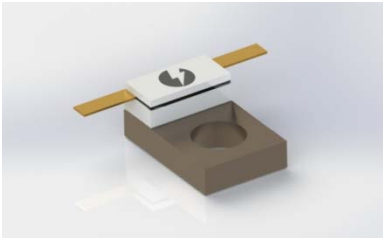


Resistor, Flanged

Frequency Range: DC to 4 GHz, Power: 20 Watts



Features

- Integrated Heat sink
- Thin Film Resistor
- Tab Contacts

ANR300-10 series Resistors are designed to dissipate up to 20 watts of RF power. These flange resistives are integrated on a .300" x .200" heat sink and are used in Isolators, Attenuators and Power Dividers. Standard models of ANR300-10 have resistance values of 50 & 100 ohms with 5% tolerance, but other designs are available upon request.

Technical Specifications

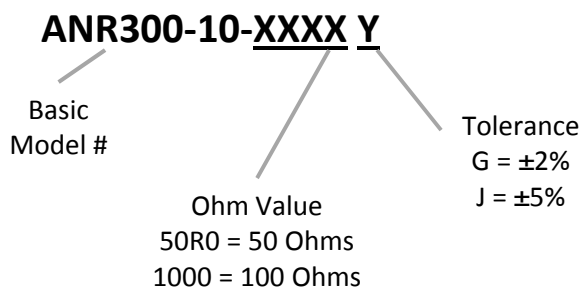
Parameter	Value
Frequency Range	DC to 4 GHz
Resistance	50 \pm 5% Ohms (Standard)
Power Handling*	20 Watts average Derated Linearly to 0 Watts @ +150°C
Operating Temp Range	-55°C to +150°C

Material

Feature	Material
Substrate	Aluminum Nitride
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

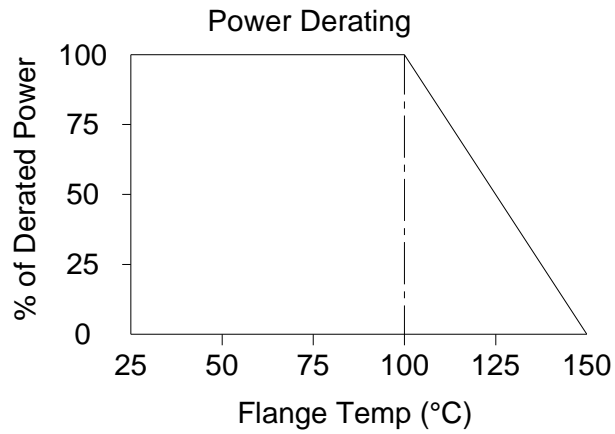


Ordering Examples

Model Number: ANR300-10-50R0J
50 ohm, \pm 5%

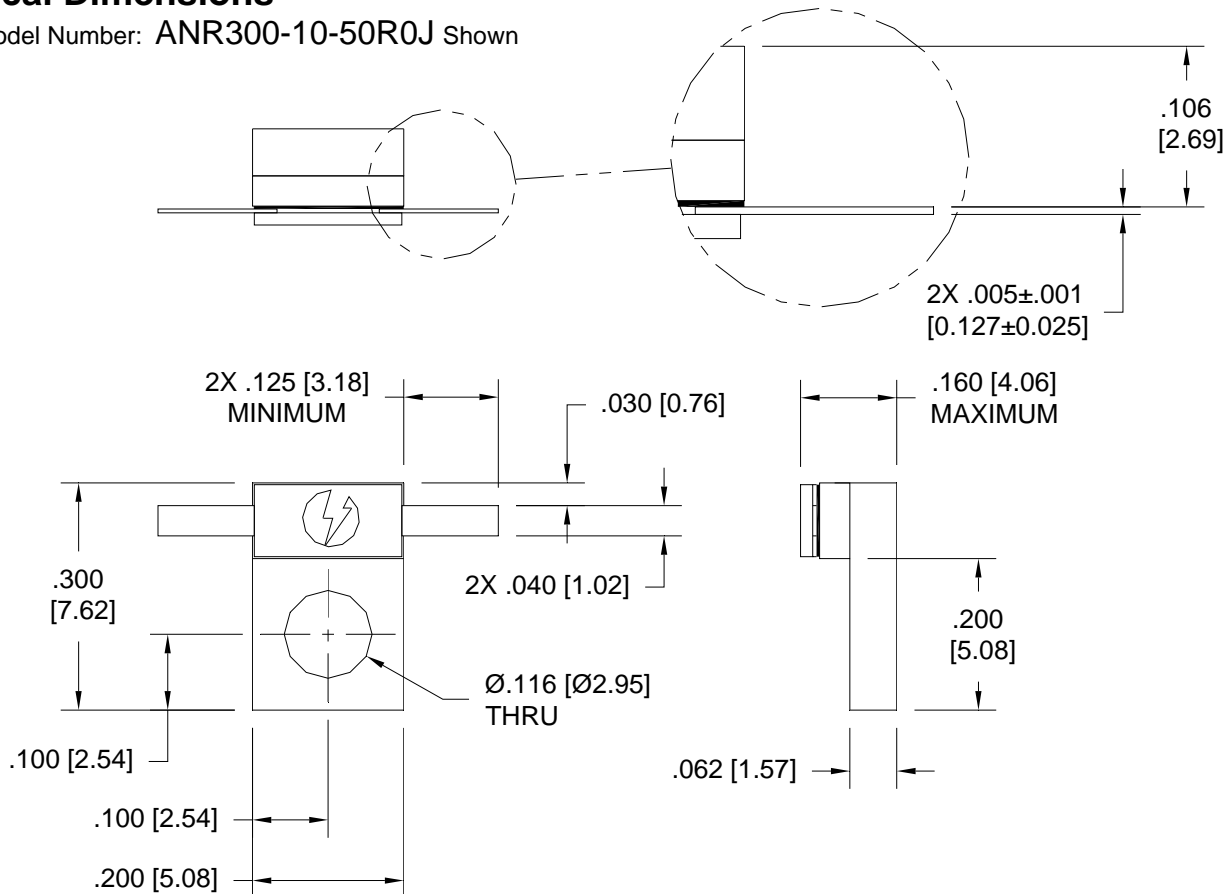
Model Number: ANR300-10-2000G
200 ohm, \pm 2%

Performance Characteristics



Physical Dimensions

Model Number: ANR300-10-50R0J Shown



Tolerance: .XXX = ±.010