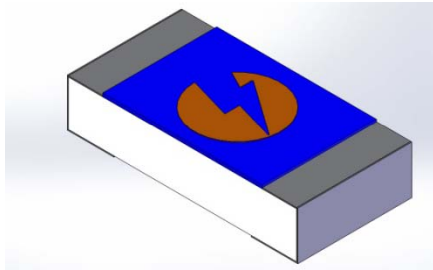


Resistor, Chip

Frequency Range: DC to 4.0 GHz, Power: 25 Watts



Features

- High Power
- Thin Film Design
- Aluminum Nitride Material

This Resistor chip is designed to safely dissipate up to 25 watts of RF power. Standard models have resistance values of 50 & 100 ohms with 5% tolerance, but other designs are available upon request.

Technical Specifications

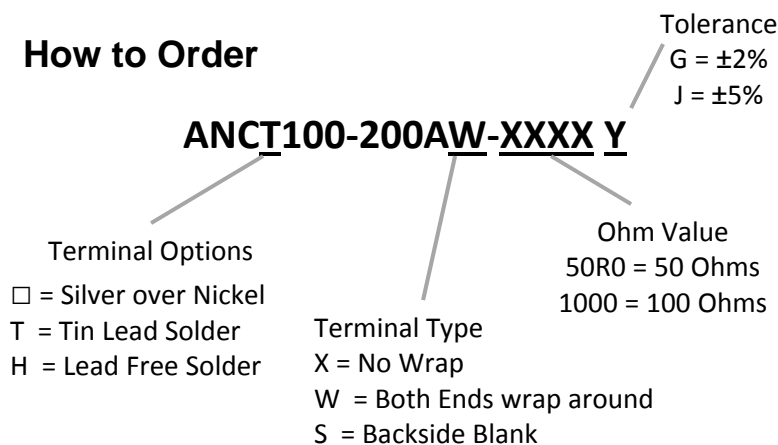
Parameter	Value
Frequency Range	DC to 4.0 GHz
Ohm Value	50 ±5% Standard
Power Handling*	25 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	DC – 2.5 GHz _____ 1.35:1 Max. 2.5 – 4 GHz _____ 1.60:1 Max.
Operating Temp. Range	-55°C to +150°C

Material

Feature	Material
Substrate	Aluminum Nitride
Resistor Material	Proprietary Thin Film
Terminal Finish	Silver

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

How to Order

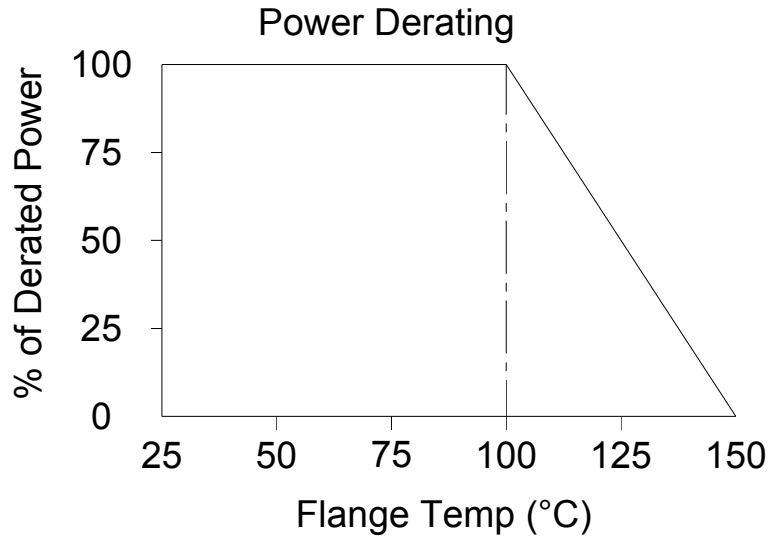


Ordering Examples

Model Number: ANC100-200AW-50R0J
 Silver term., end wrap both ends, 50 Ohms; 5%

Model Number: ANCT100-200X-1000G
 Tin Lead terminal, No wrap, 100 Ohms; 2%

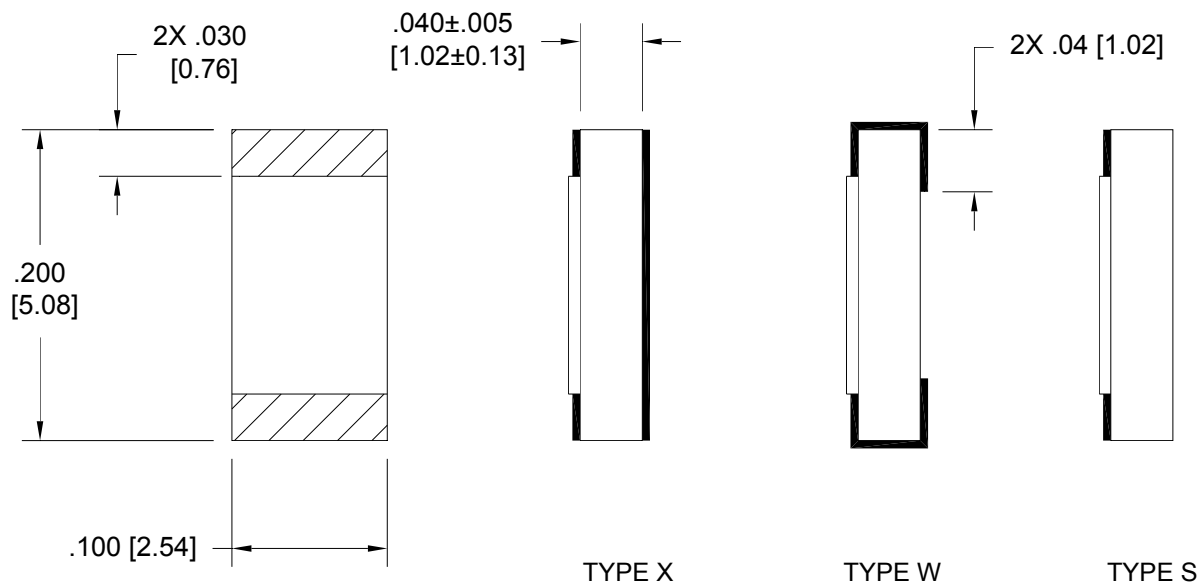
Performance Characteristics



Physical Dimensions

Model Number: ANC100-200AX-50R0J Shown

Tolerance: .XXX = ±.010



Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.