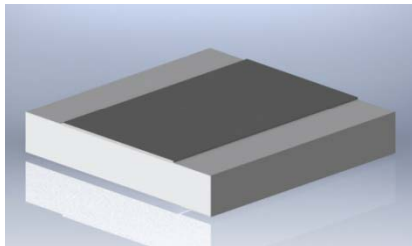


Termination, Chip

Frequency Range: DC to 2.5 GHz, Power: 125 Watts



Features

- High Power
- Thin Film Design
- RoHS Compliant

This high power device is designed to dissipate power in RF circuits when mounted to an appropriate heat sink. The terminations provide a low VSWR under maximum power conditions.

Technical Specifications

Parameter	Value
Frequency Range	DC to 2.5 GHz
Impedance/Resistance	50 \pm 5% Standard
Power Handling*	125 Watts
VSWR (DC – 1 GHz)	1.25:1 Max.

Material

Feature	Material
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Terminal Finish	Silver – (See “How to Order” for tinning & other options)

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

How to Order

ANCT250-250AG-XXXX Y

Terminal Options
 □ = Silver over Nickel
 T = Tin Lead Solder
 H = Lead Free Solder

Ohm Value
 50R0 = 50 Ohms
 1000 = 100 Ohms

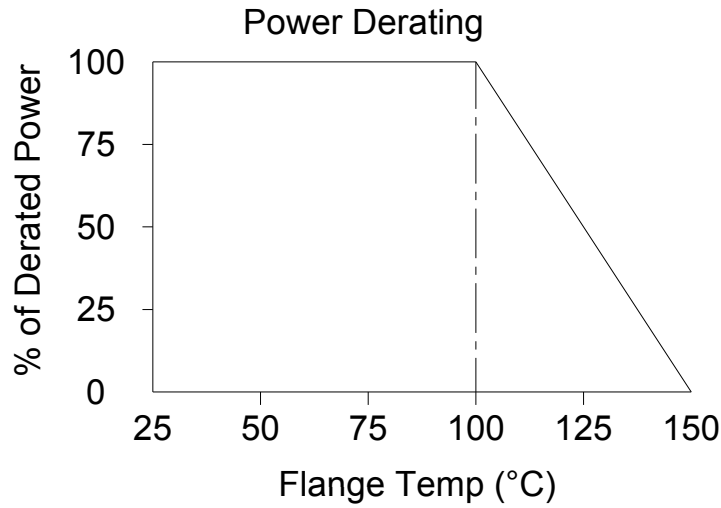
Tolerance
 G = \pm 2%
 J = \pm 5%

Ordering Examples

Model Number: PPC250-250AG-50R0J
 Silver term, 50 Ohms; 5%

Model Number: PPCT250-250AG-1000G
 Tin Lead term, 100 Ohms; 2%

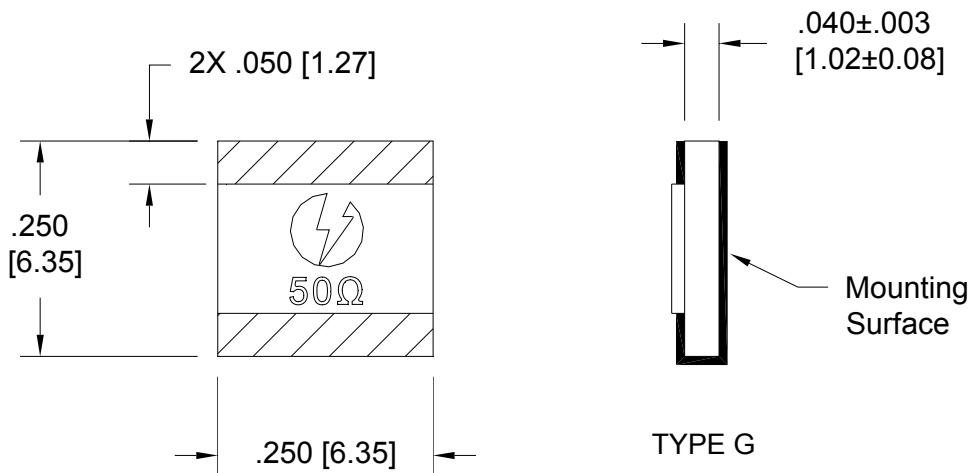
Performance Characteristics



Physical Dimensions

Model Number: PPC250-250AG-50R0J shown

Tolerance: .XXX" - ±.010"



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

Note: Dimensions in Brackets [] are expressed in Millimeters and are for reference only