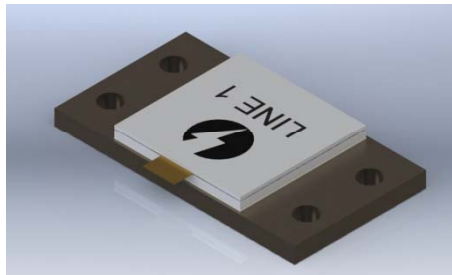


Termination, Flanged

Frequency Range: DC to 400 MHz, Power: 1250 Watts



Features

- High Power
- Thick Film Design
- RoHS Compliant
- Integrated Heat Sink

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

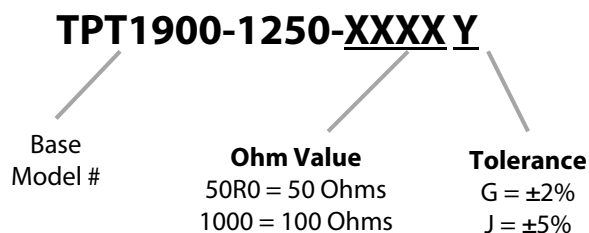
Parameter	Value	
Frequency Range	DC to 400 MHz	
Impedance	50 ±5% Standard	
Power Handling*	1250 Watts Avg. @ 100°C (Derated Linearly to 0 Watts @ +150°C)	
Peak Power	8000 Watts Max. (10µSec Pulse, 0.5% Duty Cycle)	
VSWR (Max)	DC – 100 MHz	1.10:1
	100 – 300 MHz	1.25:1
	300 – 400 MHz	1.40:1
Operating Temp. Range	-55°C to +150°C	

Material

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

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

How to Order



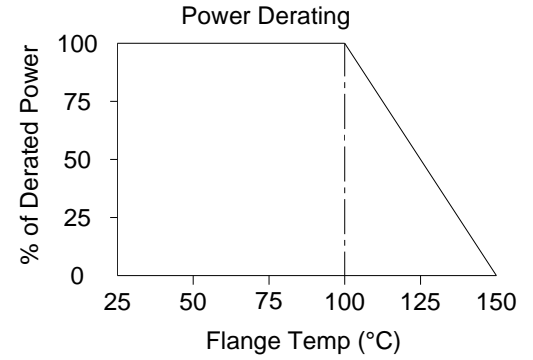
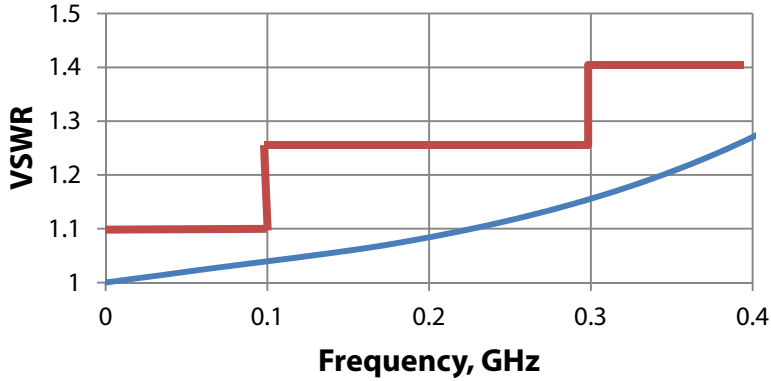
Ordering Examples

Model Number: TPT1900-1250-50R0J
 50 Ohms; 5%

Model Number: TPT1900-1250-1000G
 100 Ohms; 2%

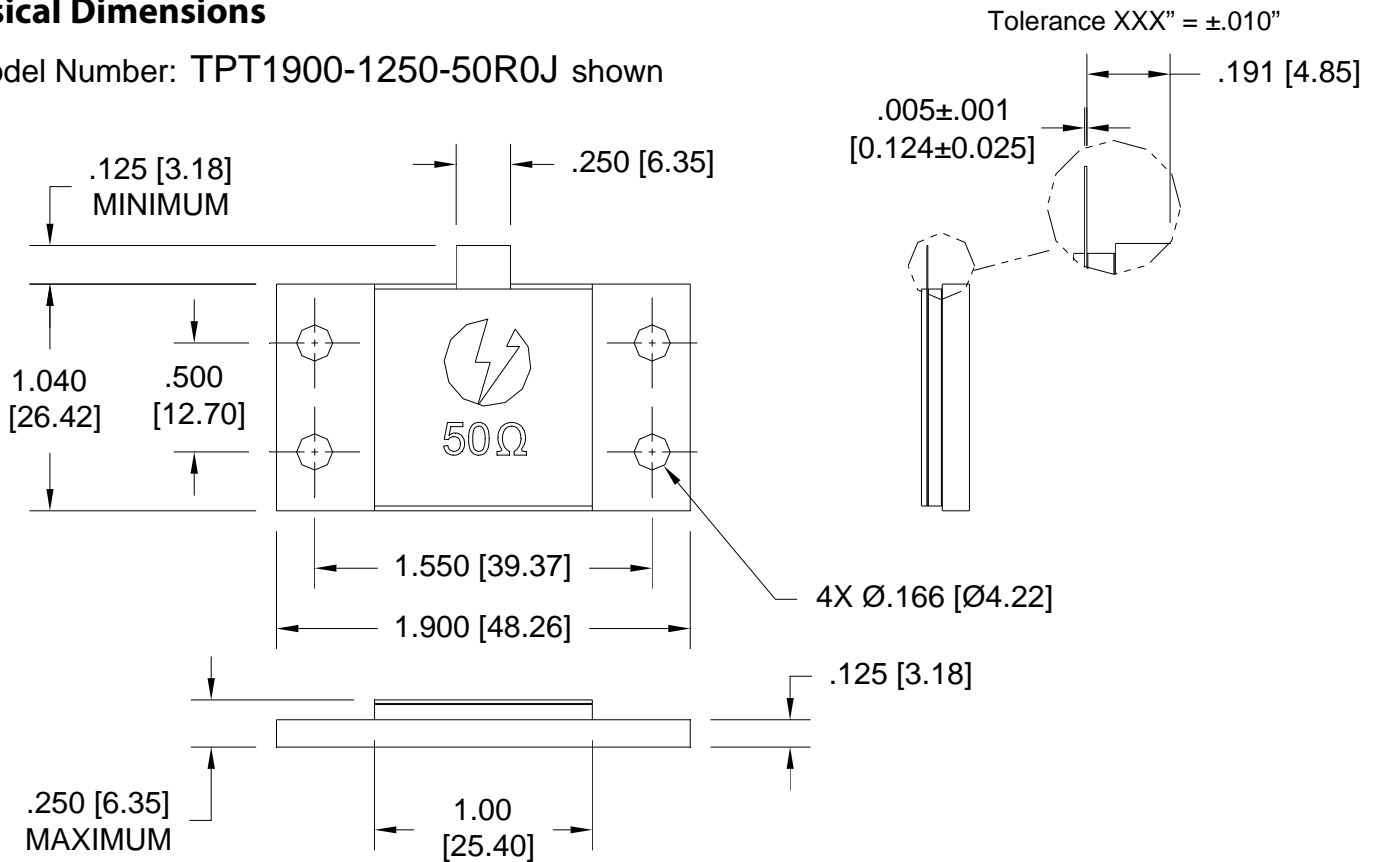
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: TPT1900-1250-50R0J shown



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