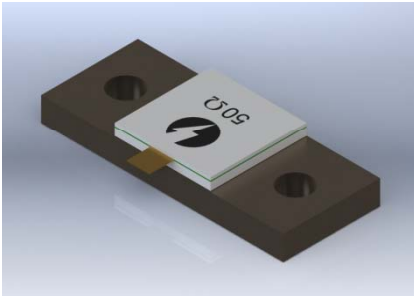


Termination, Flanged

Frequency Range: DC to 2 GHz, Power: 500 Watts



Features

- Integrated Heat sink
- Thick Film Design
- High Power
- Tabbed Contact

Designed to uniformly reduce power of the RF signal while generating only a small reflection, even under maximum power conditions.

Technical Specifications

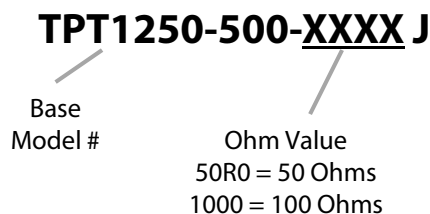
| Parameter | Value |
|----------------------|---|
| Frequency Range | DC to 2 GHz |
| Impedance | 50 ±5% Standard |
| VSWR | 1.25:1 Max. |
| Power Handling* | 500 Watts average Derated Linearly to 0 Watts @ +150°C |
| Operating Temp Range | -55°C to +150°C |

Material

| Feature | Material |
|-------------------|------------------------------|
| Substrate | Beryllium Oxide |
| Resistor Material | Proprietary 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



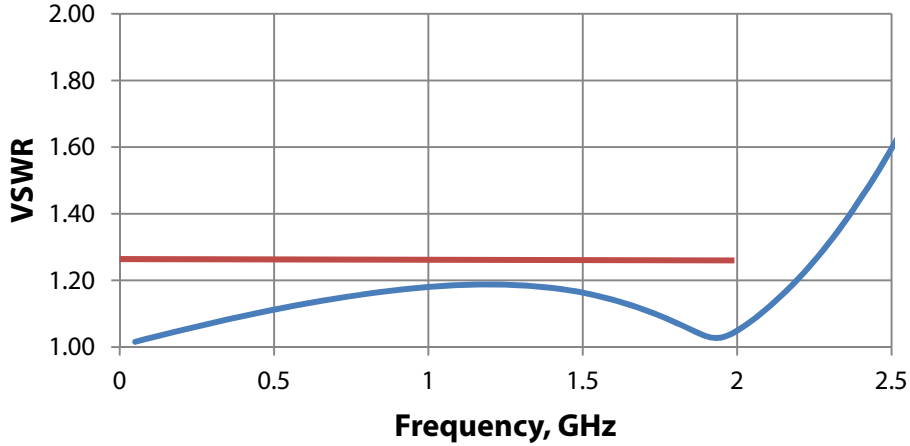
Ordering Examples

Model Number: TPT1250-500-50R0J
 50 ohm

Model Number: TPT1250-500-2000J
 200 ohm

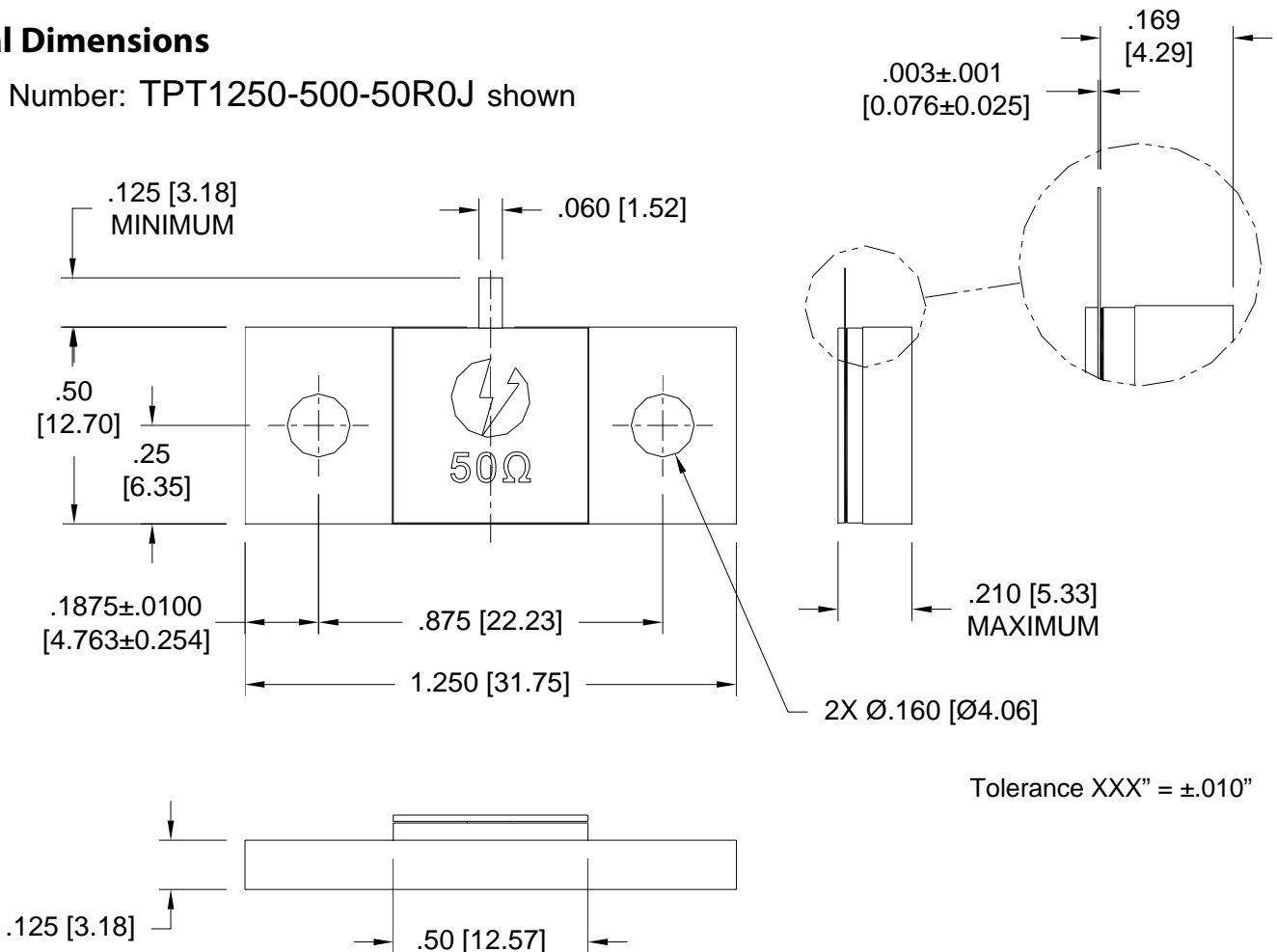
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: TPT1250-500-50R0J shown



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