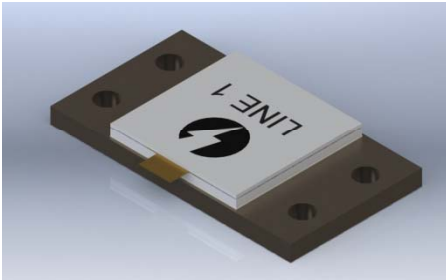


Termination, Flanged

Frequency Range: DC to 1.0 GHz, Power: 800 Watts



Features

- High Power
- Thick 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

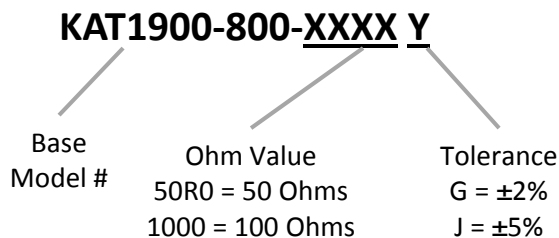
Parameter	Value
Frequency Range	DC to 1.0 GHz
Impedance	50 & 100 \pm 5% Standard
Power Handling*	800 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	1.25:1 Max.

Material

Feature	Material
Substrate	Aluminum Nitride
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



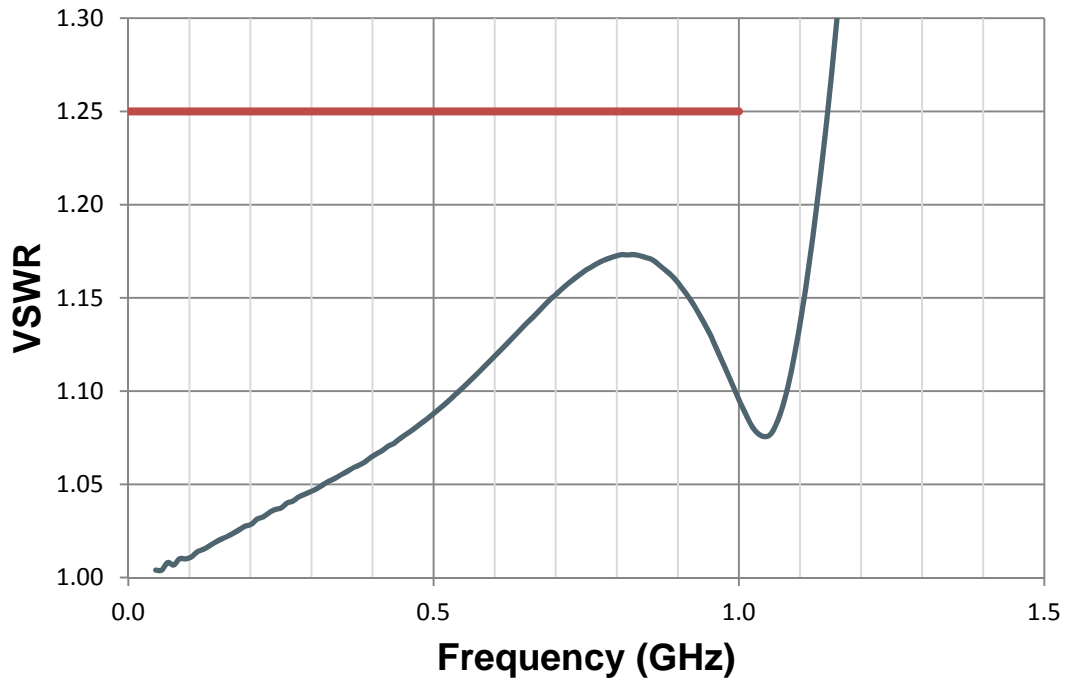
Ordering Examples

Model Number: KAT1900-800-50R0J
 DC – 1.0 GHz; 800 W.; 50 Ohms; 5%

Model Number: KAT1900-800-1000G
 DC – 1.0 GHz; 800 W.; 100 Ohms; 2%

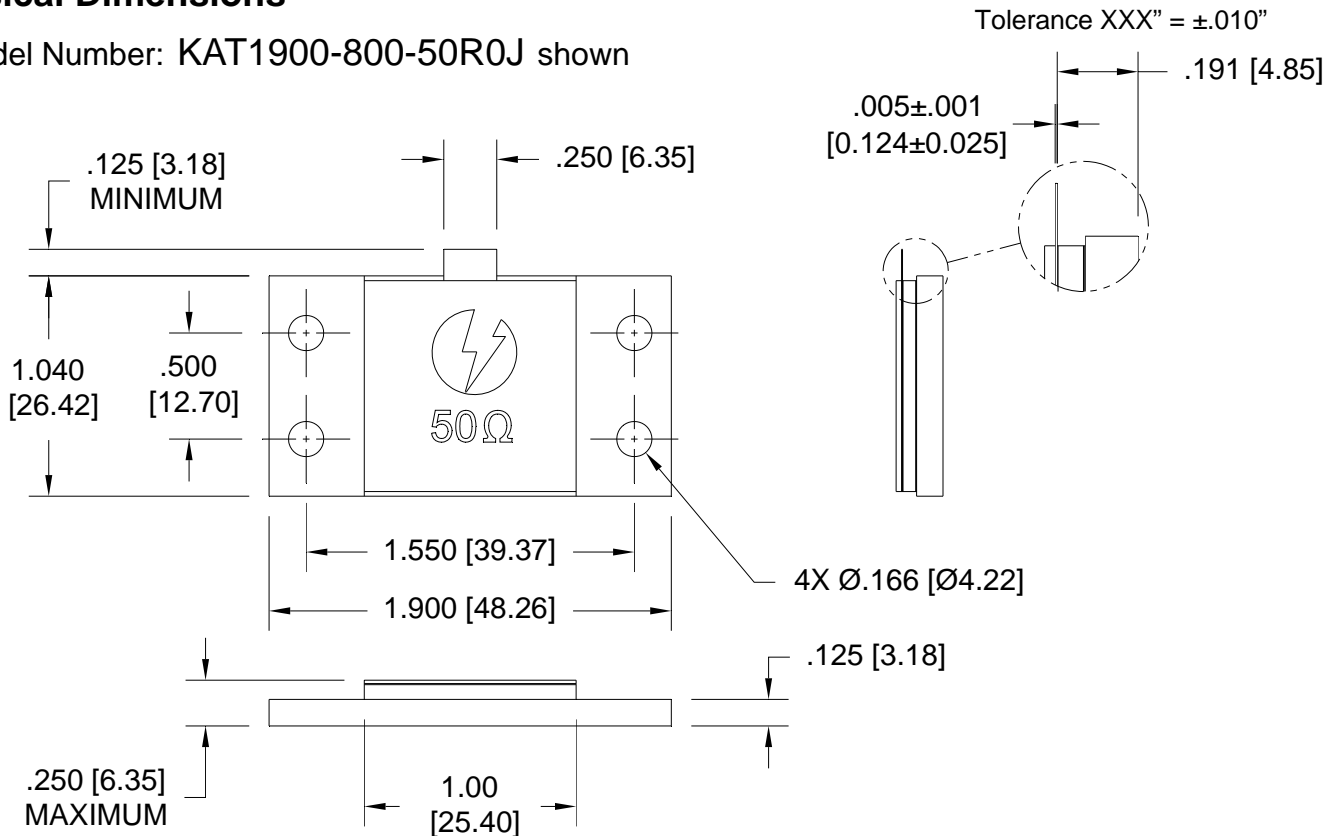
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: KAT1900-800-50R0J shown



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