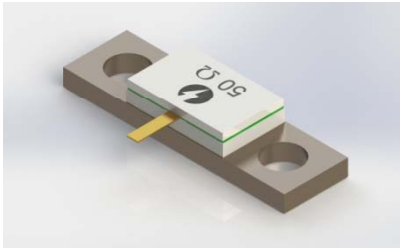


Termination, Flanged

Frequency Range: DC to 3.0 GHz, Power: 100 Watts



Features

- High Power
- Thick Film Design
- Low VSWR
- Integrated Heat Sink

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

Technical Specifications

Parameter	Value
Frequency Range	DC to 3.0 GHz
Impedance	50 \pm 5% Standard
Power Handling*	100 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	1.15:1 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

KAT800-100-XXXX J

Base
Model #

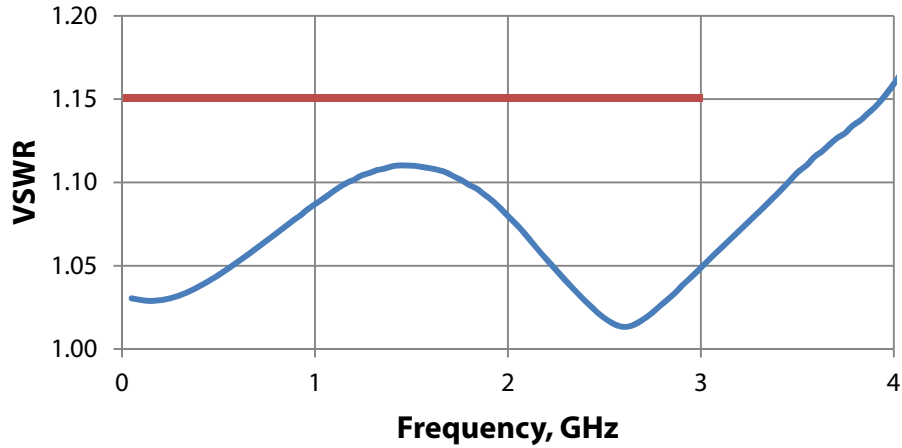
Ohm Value
50R0 = 50 Ohms

Ordering Examples

Model Number: KAT800-100-50R0J
50 Ohms

Performance Characteristics

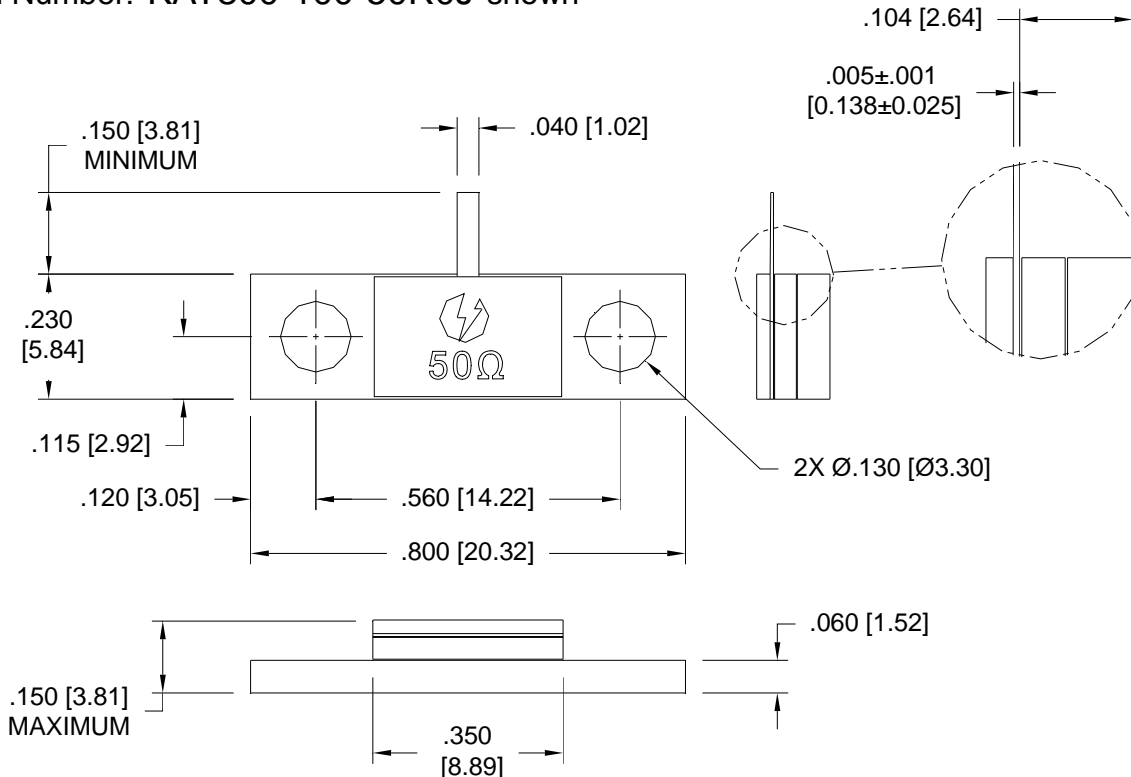
Typical Performance



Physical Dimensions

Model Number: KAT800-100-50R0J shown

Tolerance XXX" = ±.010"



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