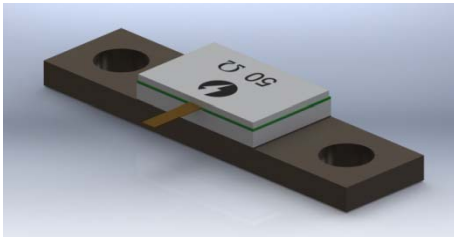


# Termination, Flanged

Frequency Range: DC to 3.0 GHz, Power: 100 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

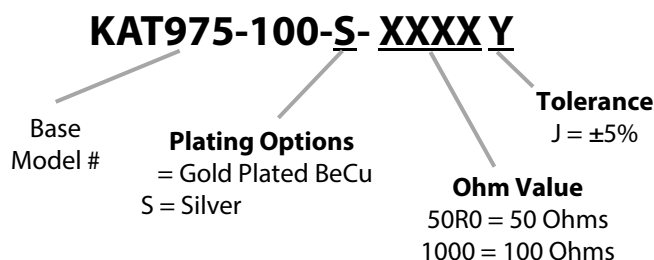
Parameter	Value
Frequency Range	DC to 3.0 GHz
Ohm Value	50 $\pm$ 5% Standard
Power Handling*	100 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	1.10:1 Max.
Operating Temperature Range	-55°C to +150°C

## Material

Feature	Material
Substrate	Aluminum Nitride
Resistor Material	Proprietary Thick Film
Cover	Alumina Ceramic
Flange	Nickel Plated Copper
Tab	Gold Plated Beryllium Copper (See "How to Order" for other options)

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

## How to Order



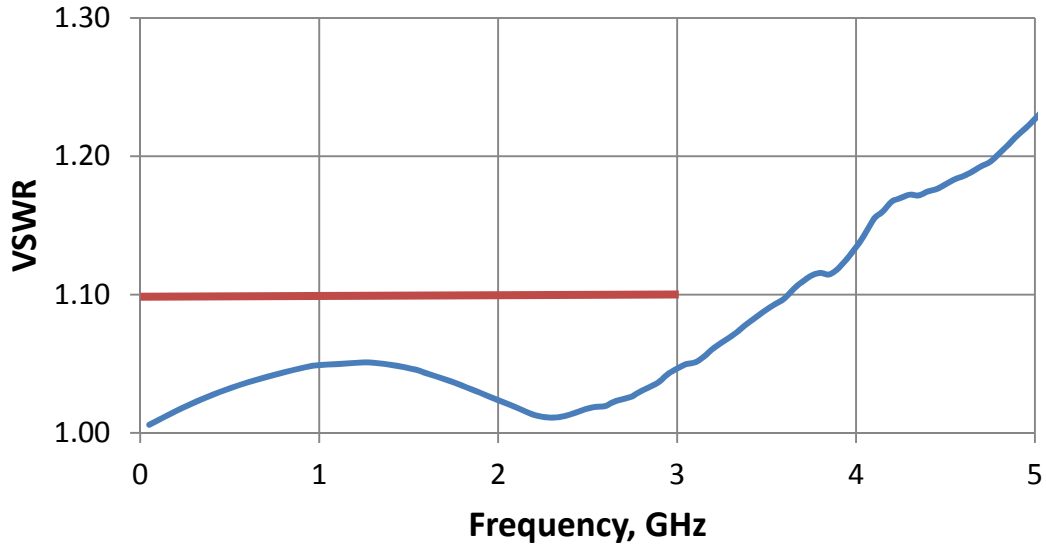
## Ordering Examples

Model Number: KAT975-100-50R0J  
50 Ohms; 5%

Model Number: KAT975-100-S-1000J  
100 Ohms; 5%, Silver Tab

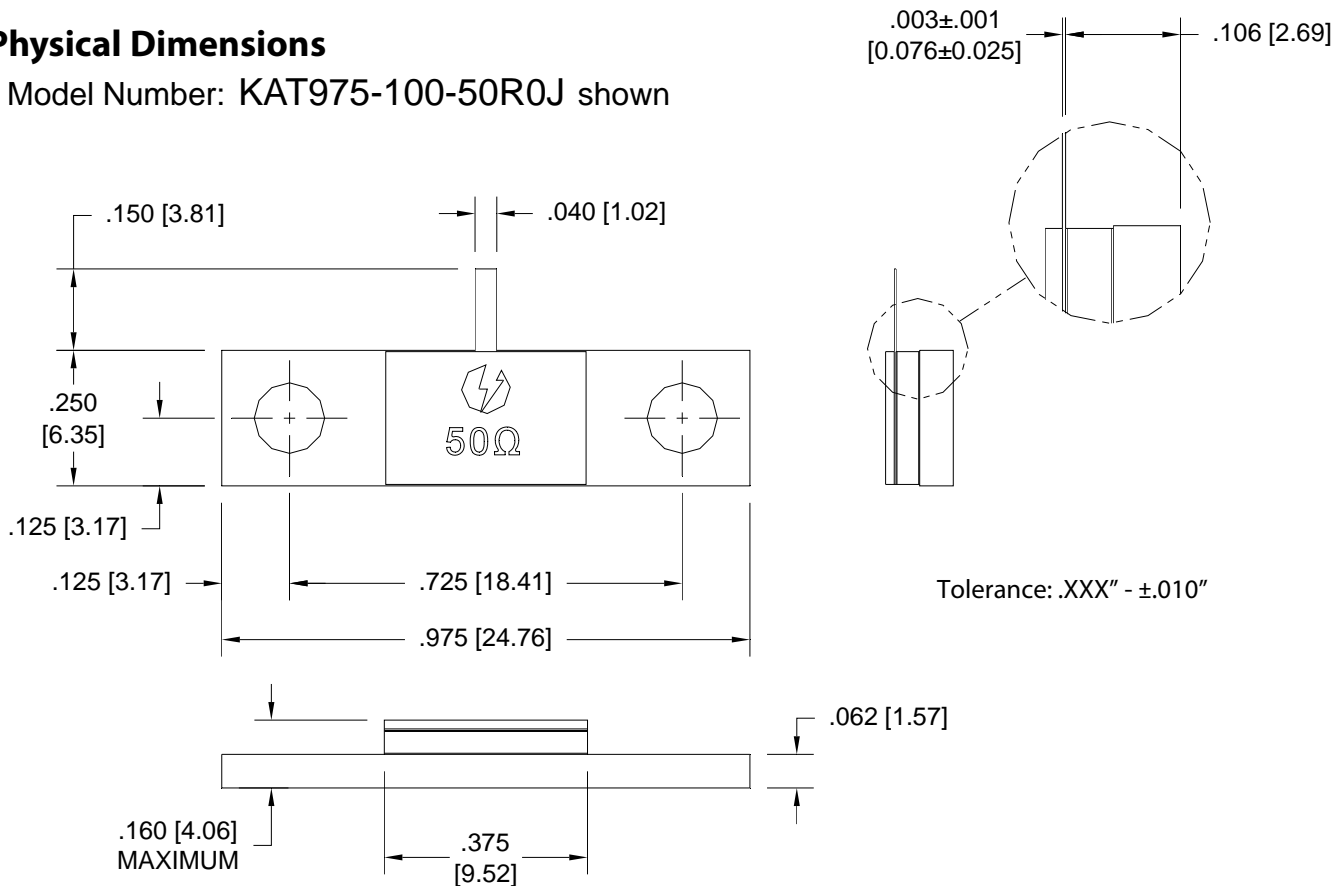
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: KAT975-100-50R0J shown



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