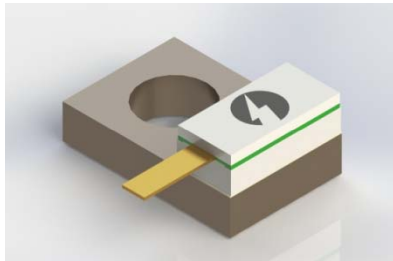


# Termination, Flanged

Frequency Range: DC to 3.0 GHz, Power: 25 Watts



## Features

- Integrated Heat sink
- Thick Film Resistor
- Tabbed Contacts
- Low VSWR

KAT300-25 series Terminations are designed to dissipate up to 25 watts of RF power. These flange resistives are integrated on .300" x .200" heat sink and are used in Isolators, Attenuators and Power Dividers. Standard models of KAT300-25 have resistance values of 50 ohms with 5% tolerance, but other designs are available upon request.

## Technical Specifications

Parameter	Value
Frequency Range	DC to 3.0 GHz
Impedance	50 ±5% Standard
Power Handling*	25 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	DC - 2 GHz _____ 1.20:1 Max. 2 - 3 GHz _____ 1.35:1 Max.
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

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

## How to Order

**KAT300-25L-XXXX Y**

### Tab Placement

- = Right
- L = Left

### Ohm Value

50R0 = 50 Ohms  
1000 = 100 Ohms

### Tolerance

G = ±2%  
J = ±5%

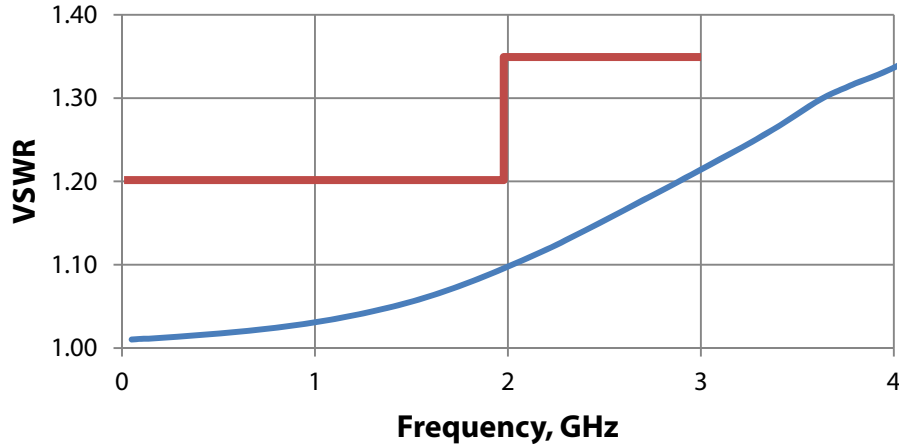
## Ordering Examples

Model Number: KAT300-25-50R0J  
Right tab placement; 50 Ohms; 5%

Model Number: KAT300-25L-1000G  
Left tab placement; 100 Ohms; 2%

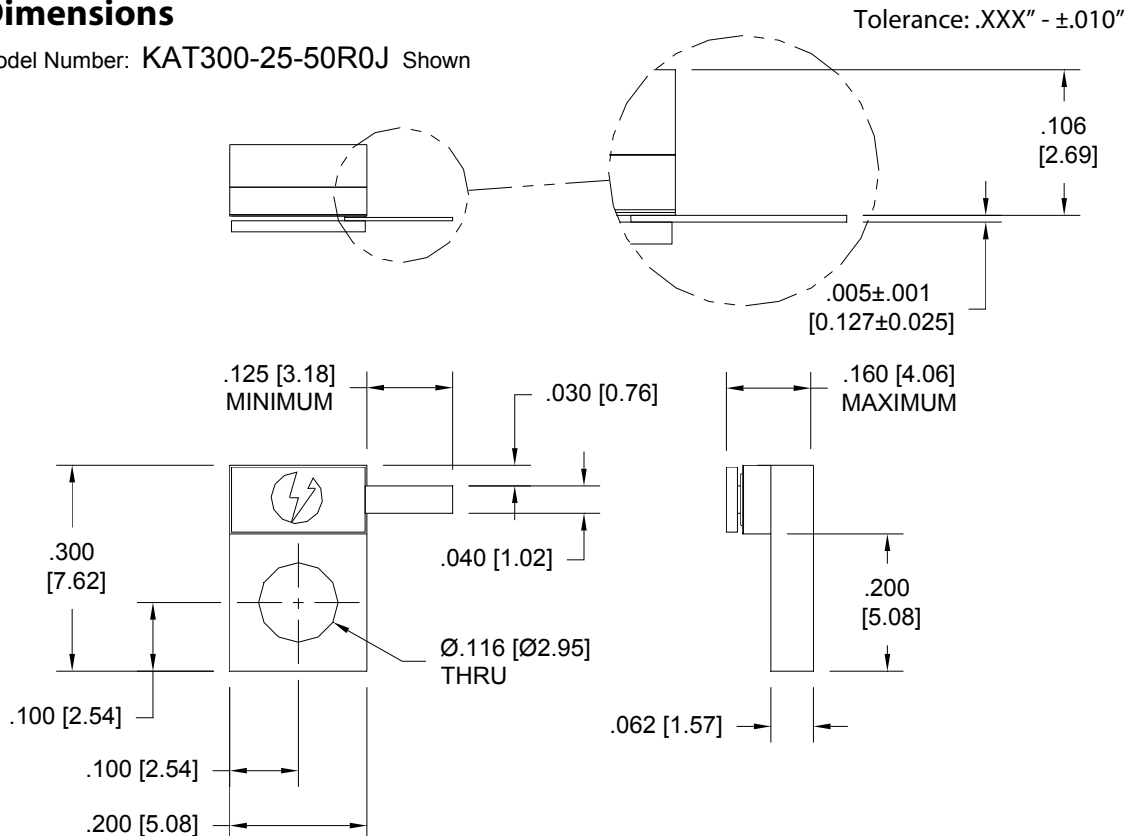
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: KAT300-25-50R0J Shown



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