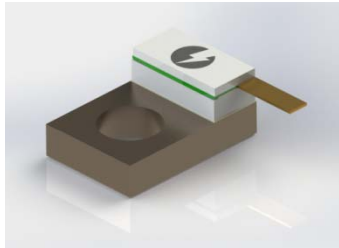


# Termination, Flanged

Frequency Range: DC to 4 GHz, Power: 10 Watts



## Features

- Integrated Heat sink
- Thin Film Resistor
- Tabbed Contacts

PPT300-10 series Terminations are designed to dissipate up to 10 watts of RF power. These flange resistives are integrated on a .300" x .200" heat sink and are used in Isolators, Attenuators and Power Dividers. Standard models of PPT300-10-3 have resistance values of 50 and 100 ohm with 5% tolerance, but other designs are available upon request.

## Technical Specifications

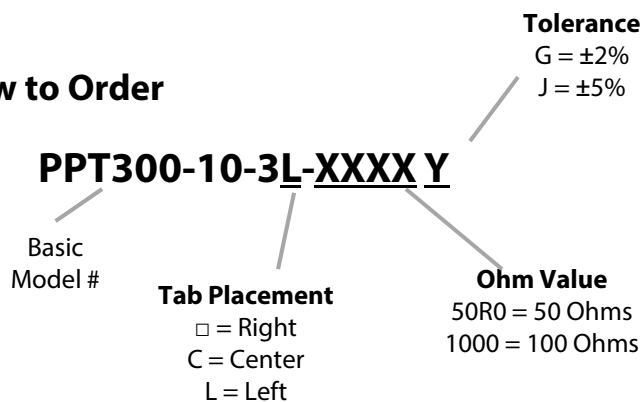
Parameter	Value
Frequency Range	DC to 4 GHz
Impedance	50 ±5% Standard Ohms
Power Handling*	10 Watts average Derated Linearly to 0 Watts @ +150°C
VSWR (DC – 2 GHz)	1.35:1 Max.
Operating Temp Range	-55°C to +150°C

## Material

Feature	Material
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Cover	Alumina Ceramic
Flange	Nickel Plated Copper
Tab	Gold Plated Beryllium Copper

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

## How to Order



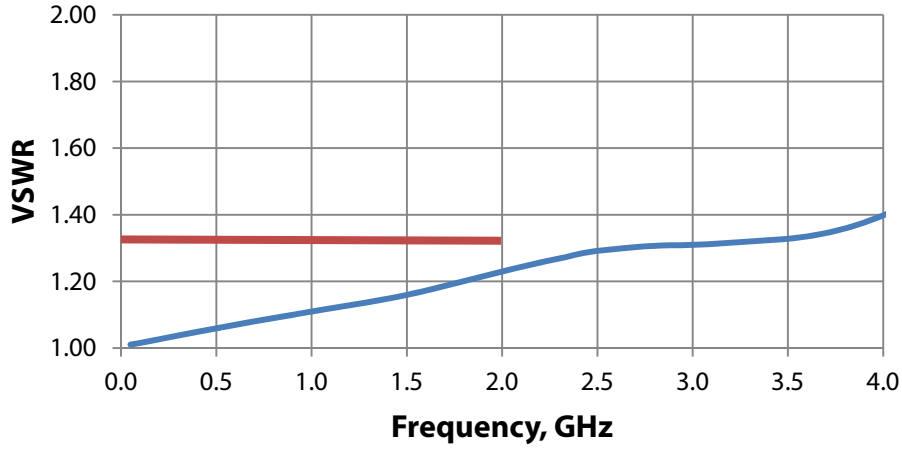
## Ordering Examples

Model Number: PPT300-10-3-50R0J  
 Right tab placement, 50 ohm, ±5%

Model Number: PPT300-10-3L-2000G  
 Left tab placement, 200 ohm, ±2%

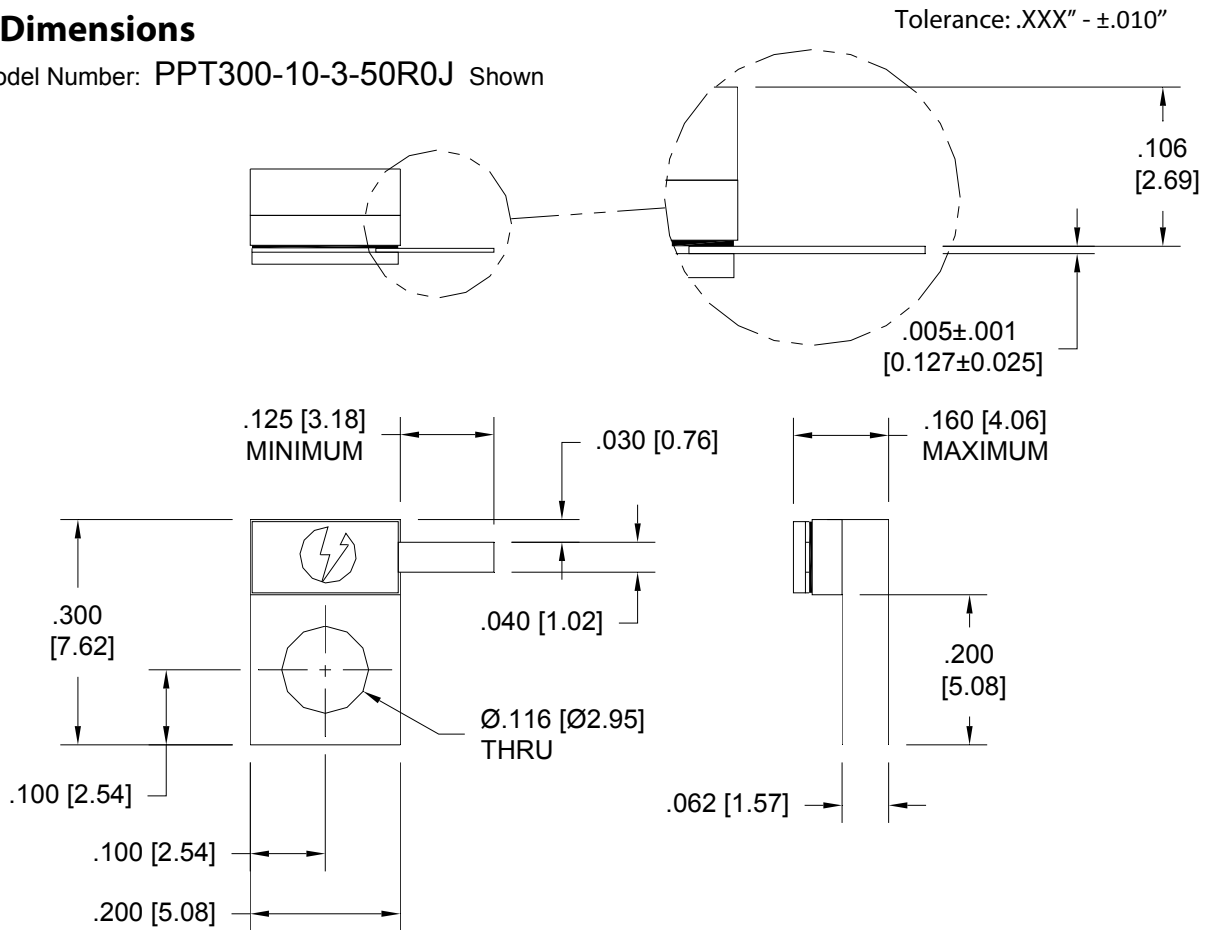
Performance Characteristics

Typical Performance



Physical Dimensions

Model Number: PPT300-10-3-50R0J Shown



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