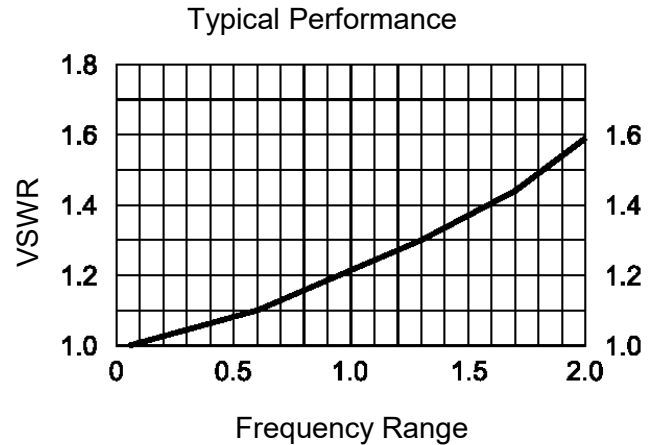


Technical Specifications

Model: TD0AS0001
Legacy Model: PPT975-250-3

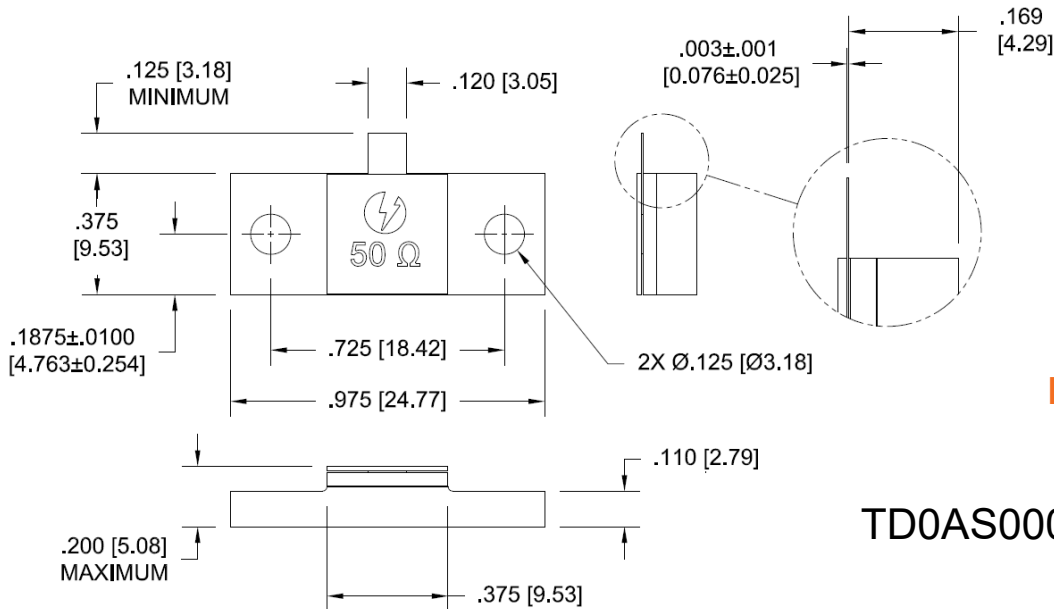
Parameter	Value
Electrical	
Frequency Range	DC – 1 GHz
Impedance	50 ±5% Ohms (standard)
Power Handling*	250 Watt Average <i>Derated linearity to 0 watt @ +150°C</i>
VSWR	DC – 500 MHz 1.25:1 max. 500 MHz – 1 GHz 1.35:1 max.
Operating Temp. Range	-55°C to +150°C
Mechanical	
Substrate	Beryllium Oxide
Resistor Material	Proprietary Thin Film
Cover	Alumina Ceramic
Flange	Nickel Plated Copper
Tab	Gold Plated Beryllium Copper



*Mounting surface shall not exceed 100°C max.

Model Number: TD0AS000150R0J shown

Tolerance: .XXX = ±.010



How To Order

TD0AS0001XXXXY
 Tolerance
 G = ±2%
 J = ±5%
 Ohm Value
 50R0 = 50 Ohms
 1000 = 100 Ohms
 (Other values available)

**Dimensions in brackets are expressed in millimeters and are for reference only.

sales@am.spectrumcontrol.com

Approved for Release: September 2024/Brown

Spectrum Control reserves the right to make changes to datasheets at any time without notice.