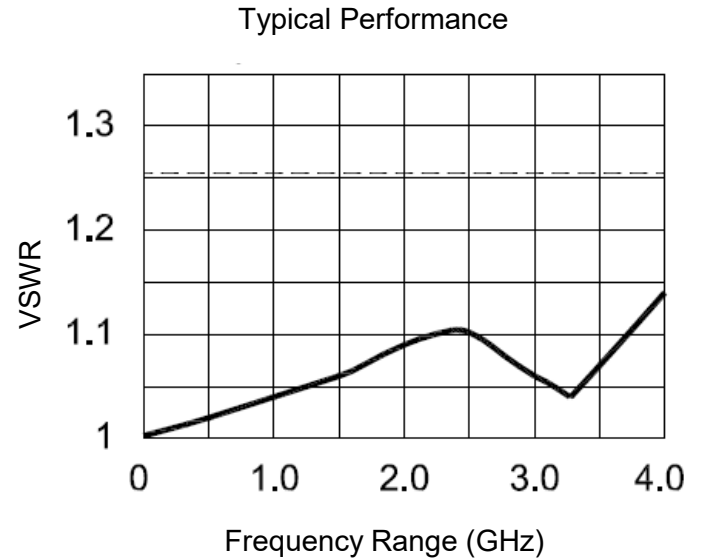


Technical Specifications

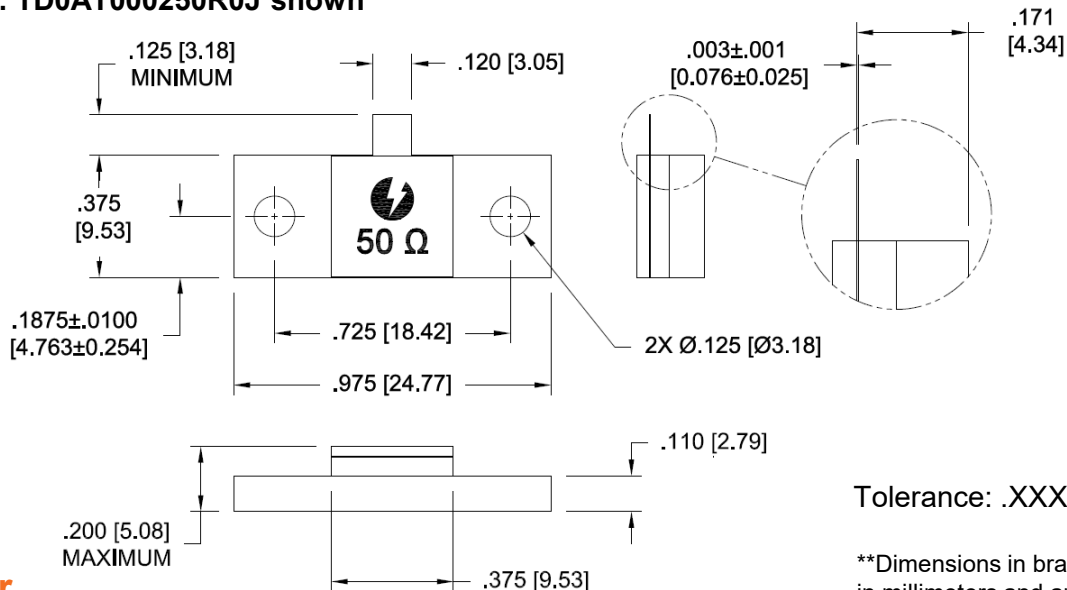
Model: TD0AT0002
Legacy Model: PPT975-300

Parameter	Value
Electrical	
Frequency Range	DC – 4 GHz
Ohm Value	50 ±5% Ohms (standard)
Power Handling*	300 Watts Average <i>Derated linearity to 0 watt @ +150°C</i>
VSWR	1.25:1 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: TD0AT000250R0J shown



Tolerance: .XXX = ±.010

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

How To Order

TD0AT0002XXXXY

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

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Approved for Release: September 2024/Brown

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