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TA50R0-100-25X



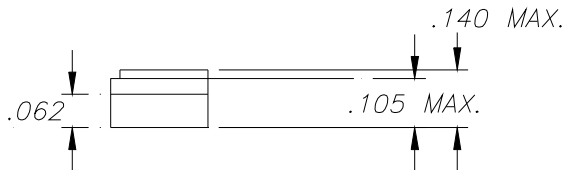
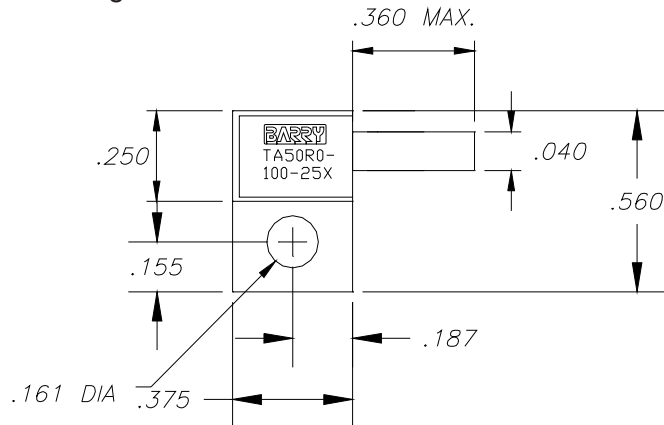
ALUMINUM NITRIDE FLANGED TERMINATION

Features:

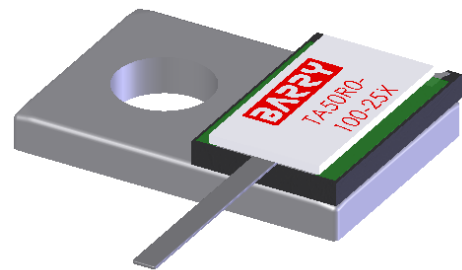
- ◆ Aluminum Nitride Material
- ◆ DC - 3.5 GHz Performance
- ◆ 100 Watt Input Power
- ◆ Flange Mount

General Description:

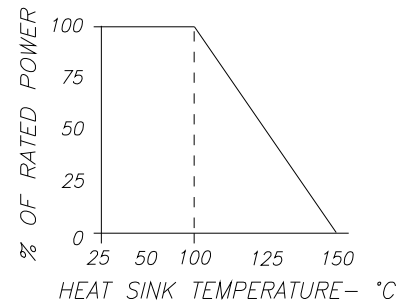
The TA50R0-100-25X is a flanged, 50 ohm Aluminum Nitride termination. It has an input power of 100 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 3.5 GHz.



Dimensions in inches
Tolerance $\pm .010$
unless otherwise stated



DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		3.5	GHz
Input Return Loss DC - 2 GHz 2 - 3.5 GHz	26 20			dB
Input Power			100	Watts
Resistance	47.5	50	52.5	Ohms
Flange Temperature			100 150 (0% Power)	°C

Barry Industries reserves the right to change part number and or process without notification.

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Barry Industries maintains an ISO 9001 Certified Quality Management System

Originatio- n Date	Revision Date	Rev.
08/16/04	06/29/11	D