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TA50R0-100-7X



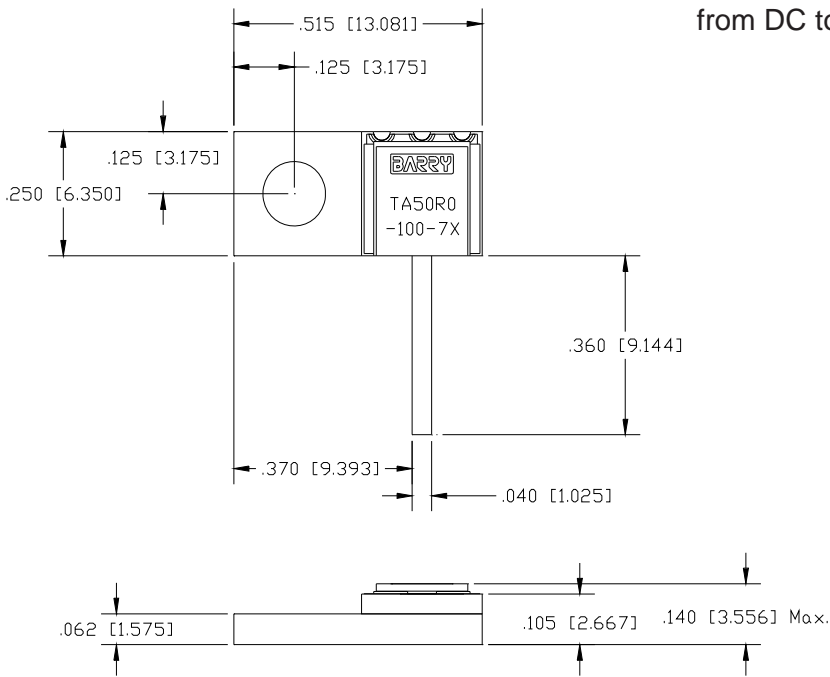
ALUMINUM NITRIDE FLANGE TERMINATION

Features:

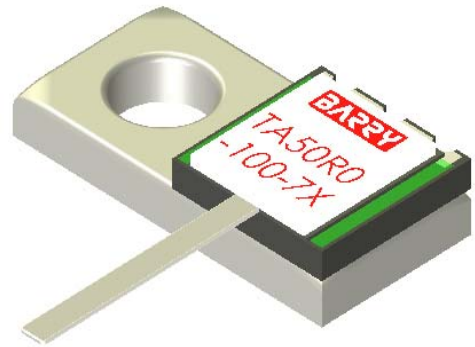
- ◆ Aluminum Nitride
- ◆ 100 Watt Input Power
- ◆ DC - 2.5 GHz performance

General Description:

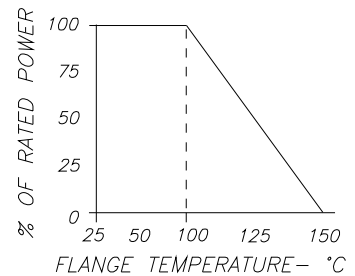
The TA50R0-100-7X is flanged, 50 ohm Aluminum Nitride termination. It has an input power rating of 100 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 2.5 GHz.



Dimensions in inches [mm]
Tolerance $\pm .010$ [.254]
unless otherwise stated



DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Pulse Width = 5 microseconds, Duty <.05%			7.5 Peak	Kw
Pulse Width = 50 microseconds, Duty < 5%			1 Peak	Kw
Frequency Range	DC		2.5	GHz
Input Return Loss	23	25		dB
Input Power			100	Watts
Flange Temperature			100	°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

Origination Date	Revision Date	Rev.
08/09/06	04/14/10	B