



WWW.BARRYIND.COM

# TA50R0-100-24X



## ALUMINUM NITRIDE

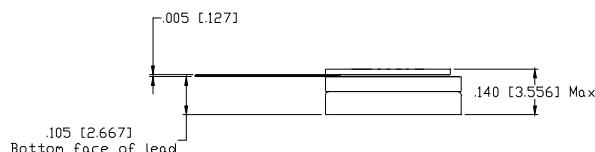
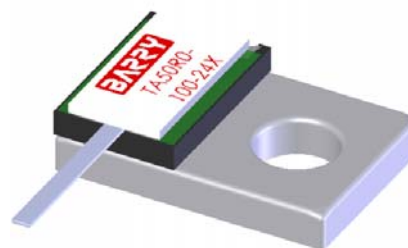
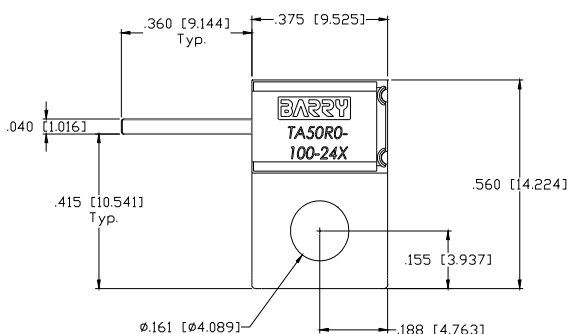
## FLANGED TERMINATION

### Features:

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

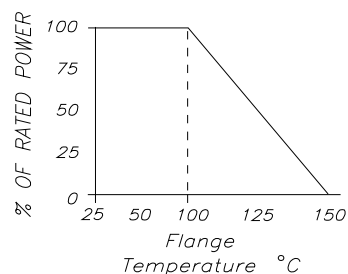
### General Description:

The TA50R0-100-24X 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 [mm]  
Tolerance  $\pm .010$  [.254]  
unless otherwise stated

DERATING CURVE:



Parameter	Min.	Typ.	Max.	Units
Frequency Range	DC		3.5	GHz
Input Return Loss	DC - 2 GHz 20	26		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.

Barry Industries, Inc., 60 Walton St., Attleboro, MA 02703 T: 508-226-3350 F: 508-226-3317 E-mail: sales@barryind.com  
Barry Industries maintains an ISO 9001 Certified Quality Management System

Origination Date	Revision Date	Rev.
02/01/05	08/31/11	A