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# TA50R0-30-10X



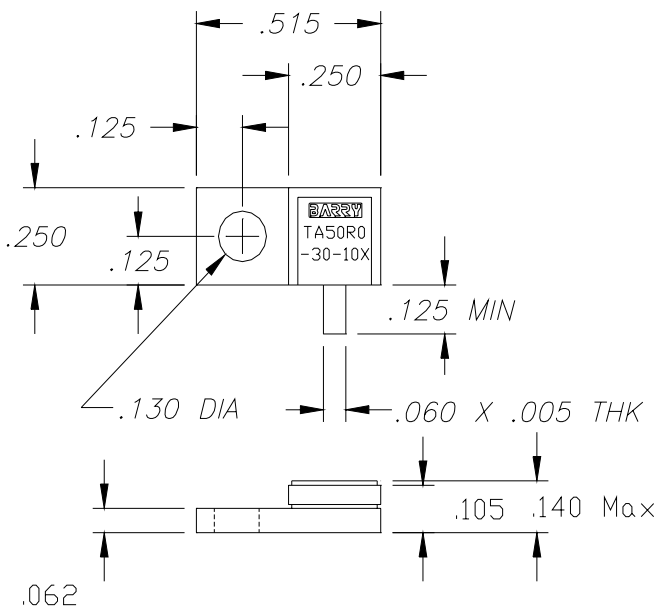
## ALUMINUM NITRIDE FLANGED TERMINATION

### Features:

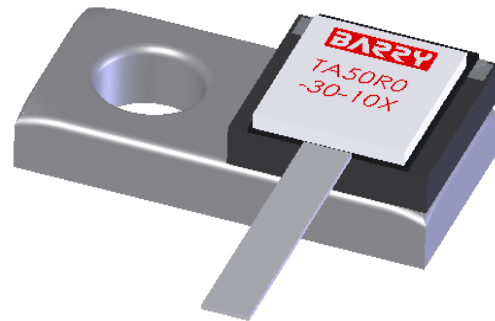
- ◆ Aluminum Nitride Material
- ◆ DC - 2.5 GHz Performance
- ◆ 30 Watt Input Power
- ◆ Flange Mount

### General Description:

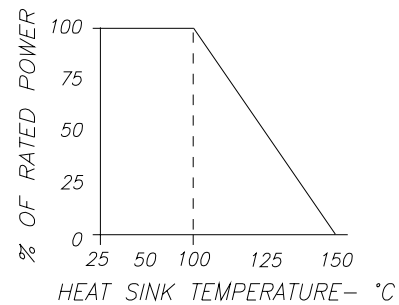
The TA50R0-30-10X is a flanged 50 ohm, Aluminum Nitride termination. It has an input power of 30 watts, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC - 2.5 GHz.



Dimensions in inches  
Tolerance ± .010  
unless otherwise stated



DERATING CURVE:



| Parameter          | Min. | Typ. | Max. | Units |
|--------------------|------|------|------|-------|
| Frequency Range    | DC   |      | 2.5  | GHz   |
| Input Return Loss  |      | 25   | 23   | dB    |
| Input Power        |      |      | 30   | Watts |
| Resistance         | 47.5 | 50   | 52.5 | Ohms  |
| 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. |
|------------------|---------------|------|
| 10/5/04          | 04/18/08      | C    |