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# TA50R0-60-51X



## ALUMINUM NITRIDE

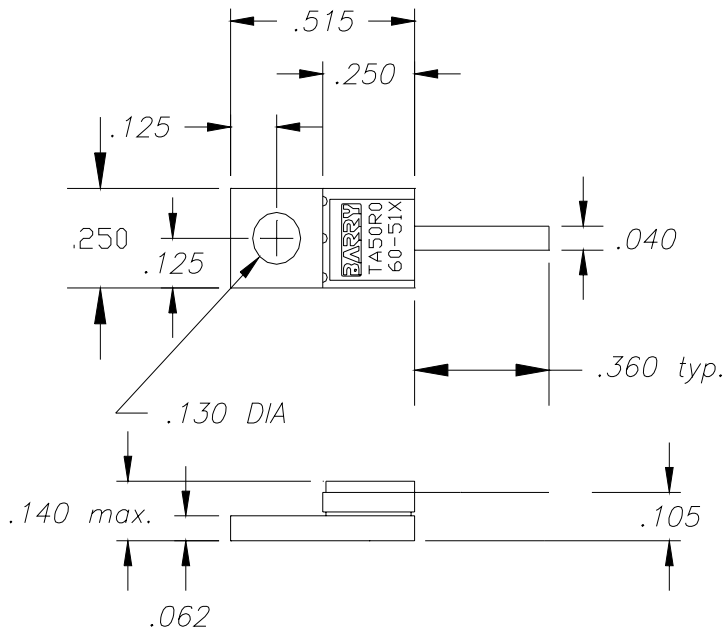
## FLANGED TERMINATION

### Features:

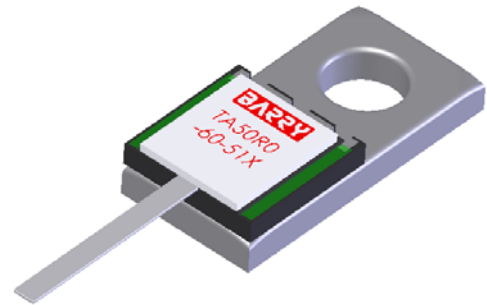
- ◆ AIN Material
- ◆ 60 Watt Input Power
- ◆ DC - 2.5 GHz Performance
- ◆ Flange Mount

### General Description:

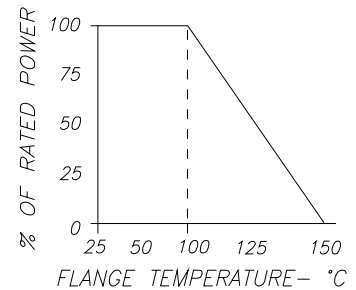
The TA50R0-60-51X is a flanged 50 ohm Aluminum Nitride termination. It has an input power of 60 watts max, while maintaining a constant flange temperature of 100°C. It offers a frequency range from DC to 2.5 GHz.



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



### DERATING CURVE:



| Parameter          | Min. | Typ. | Max. | Units |
|--------------------|------|------|------|-------|
| Frequency Range    | DC   |      | 2.5  | GHz   |
| Input Return Loss  | 23   |      |      | dB    |
| Input Power        |      |      | 60   | Watts |
| Resistance         | 47.5 | 50.0 | 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. |
|------------------|---------------|------|
| 04/05/07         | 02/27/08      | B    |