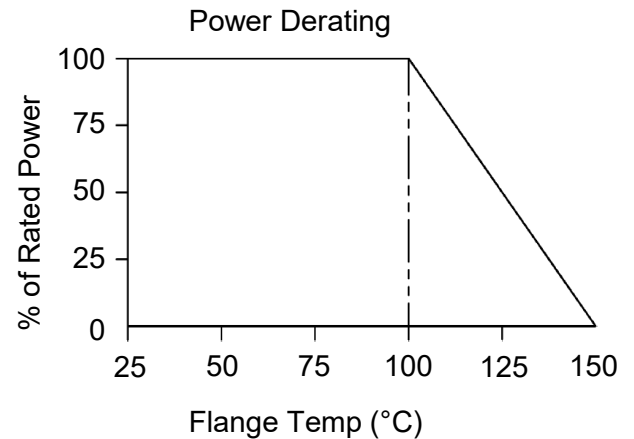


**Model: TD0BG0001**
*Legacy Model: PPT800-40-3*

## Technical Specifications

| Parameter             | Value                                                           |
|-----------------------|-----------------------------------------------------------------|
| <b>Electrical</b>     |                                                                 |
| Frequency Range       | DC – 4 GHz                                                      |
| Impedance             | 50 ±5% Ohms (standard)                                          |
| Power Handling*       | 40 Watts Average<br><i>Derated linearity to 0 watt @ +150°C</i> |
| VSWR                  | 1.25:1 max.                                                     |
| Operating Temp. Range | -55°C to +150°C                                                 |
| <b>Mechanical</b>     |                                                                 |
| Substrate             | Beryllium Oxide                                                 |
| Resistor Material     | Proprietary Thin Film                                           |
| Cover                 | Alumina Ceramic                                                 |
| Mounting Flange       | Nickel Plated Copper                                            |
| Tab                   | Gold Plated Beryllium Copper                                    |

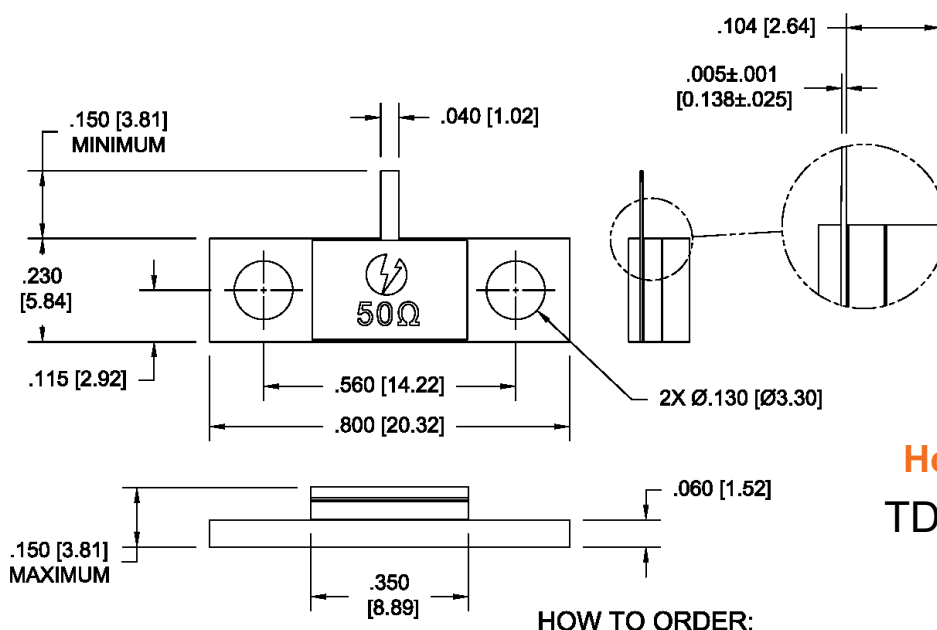


\*Mounting surface shall not exceed 100°C max.

**Model Number: TD0BG000150R0J shown**

Tolerance: .XXX = ±.010

\*\*Dimensions in brackets are expressed in millimeters and are for reference only.



## How To Order

TD0BG0001XXXXY

Tolerance  
 G = ±2%  
 J = ±5%

Ohm Value  
 50R0 = 50 Ohms  
 1000 = 100 Ohms  
 (Other values available)