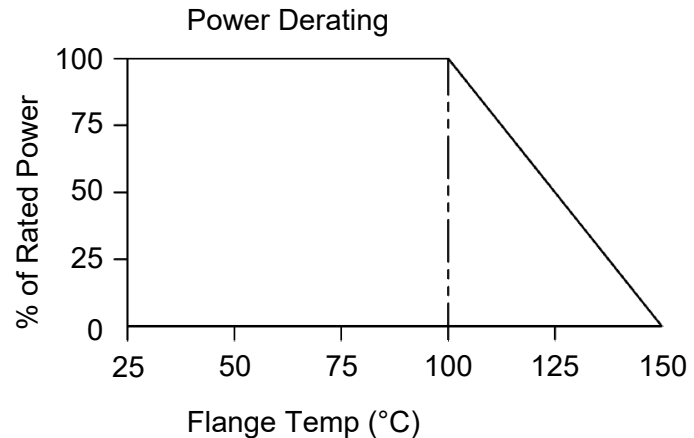


## Technical Specifications

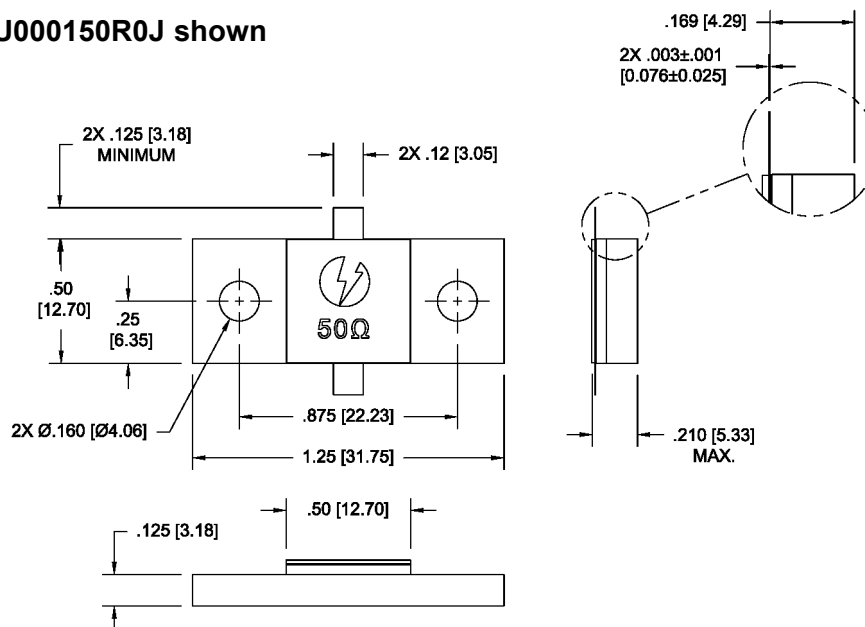
**Model: RD0BU0001**
*Legacy Model: PPR1250-400*

| Parameter            | Value                                                             |
|----------------------|-------------------------------------------------------------------|
| <b>Electrical</b>    |                                                                   |
| Frequency Range      | DC – 400 MHz                                                      |
| Ohm Value            | 50 $\pm 5\%$ Ohms (standard)                                      |
| Power Handling*      | 400 Watts Average<br><i>Derated Linearity to 0 Watts @ +150°C</i> |
| Operating Temp Range | -55°C to +150°C                                                   |
| <b>Mechanical</b>    |                                                                   |
| Substrate            | Beryllium Oxide                                                   |
| Resistor Material    | Proprietary Thin Film                                             |
| Cover                | Alumina Ceramic                                                   |
| Flange               | Nickel Plated Copper                                              |
| Tab                  | Gold Plated Beryllium Copper                                      |

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



**Model Number: RD0BU000150R0J shown**



## How To Order

**RD0BU0001XXXXY**

Tolerance  
 G =  $\pm 2\%$   
 J =  $\pm 5\%$  (standard)

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

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

Tolerance: .XXX =  $\pm .010$