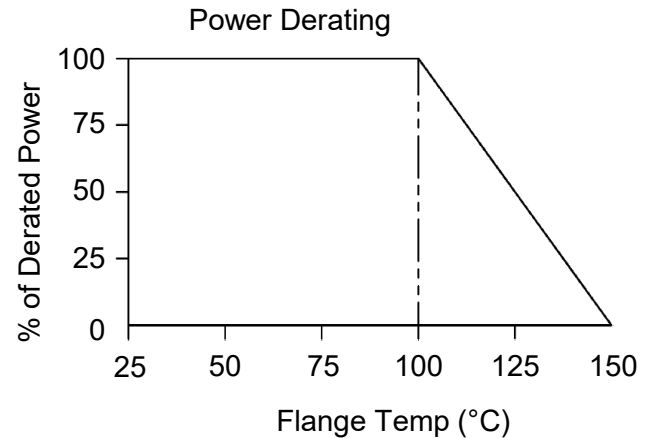


## Technical Specifications

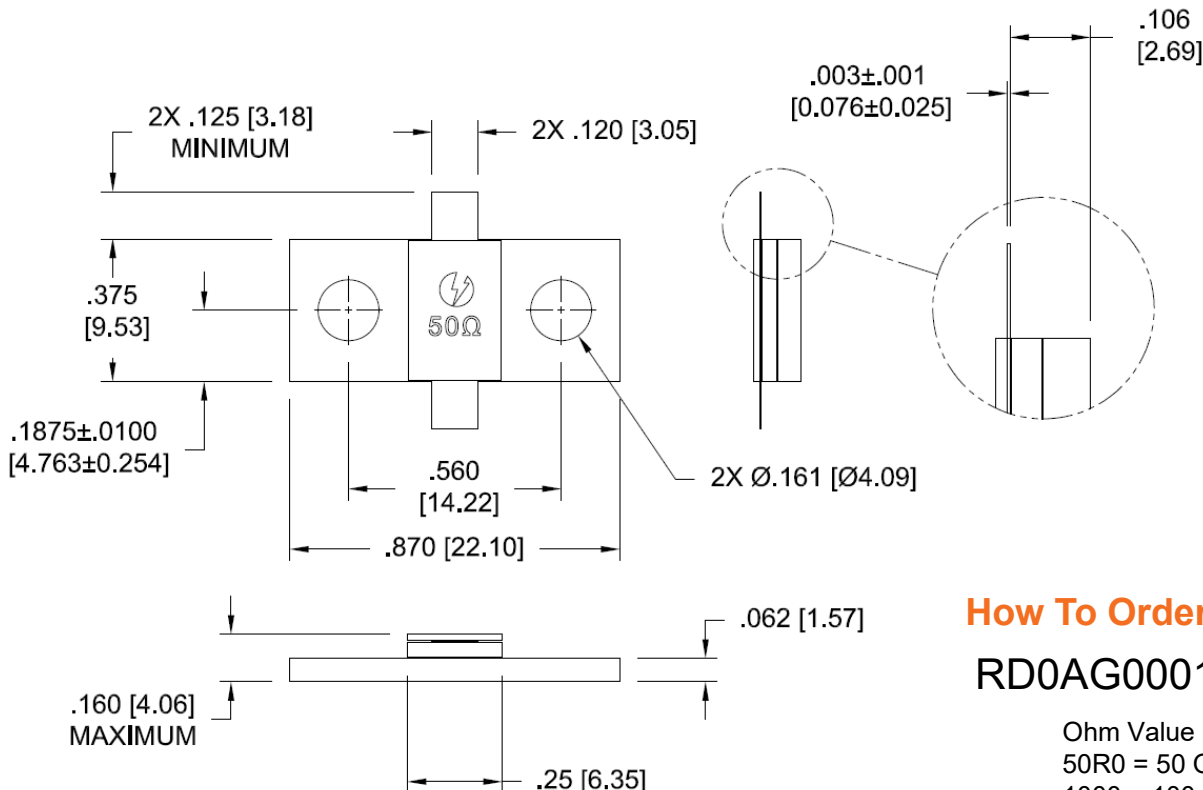
**Model: RD0AG0001**
*Legacy Model: PPR870-150-3*

| Parameter             | Value                                                           |
|-----------------------|-----------------------------------------------------------------|
| <b>Electrical</b>     |                                                                 |
| Frequency Range       | DC – 1 GHz                                                      |
| Resistance            | 50 & 100 $\pm 5\%$ Ohms (standard)                              |
| Power Handling*       | 150 Watt Average<br><i>Derated linearity to 0 watt @ +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                                                 |
| Mounting Flange       | Nickel Plated Copper                                            |
| Tab                   | Gold Plated Beryllium Copper                                    |



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

**Model Number: RD0AG000150R0J shown**



Tolerance: .XXX =  $\pm .010$

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

## How To Order

**RD0AG0001XXXXY**

|                          |               |
|--------------------------|---------------|
| Ohm Value                | Tolerance     |
| 50R0 = 50 Ohms           | G = $\pm 2\%$ |
| 1000 = 100 Ohms          | J = $\pm 5\%$ |
| (Other values available) |               |