

## FEATURES

- Tab Launch
- High Power
- Integrated Heat Sink
- Low VSWR

## APPLICATIONS

- Mobile Networks
- Broadcast
- High Power Amplifiers
- Instrumentation
- Isolators
- Military
- Satellite Communications



## GENERAL DESCRIPTION

Florida RF Labs offers the widest selection of flange mount terminations worldwide. High power flange mount components offer excellent performance and the convenience of bolt-in installation. The flanged mounted devices deliver power ratings up to 1000 watts and frequency ranges from DC to 18 GHz. The packages are available in single hole, double hole and four hole flange configurations.

## SPECIFICATIONS

### 1.0 ELECTRICAL

Nominal Impedance: 50 Ω  
 Frequency Range: DC – 1.5 GHz  
 VSWR: DC – 1.0 GHz 1.25:1 Max  
 1.0 – 1.5 GHz 1.40:1 Max  
 Temperature Coefficient: ±200 PPM/°C Max  
 Power Rating: 75 Watts  
 Operating Temperature: -55 °C To +150 °C  
 DC Resistance: 50 Ω ±5%

### 2.0 MECHANICAL

Flange: Copper, Nickel Plated  
 Substrate: Beryllium Oxide  
 Cover: Alumina  
 Tab: Beryllium Copper, Gold Plated  
 Resistive Element: Thin Film

### 3.0 UNIT MARKING

Logo And Part Number

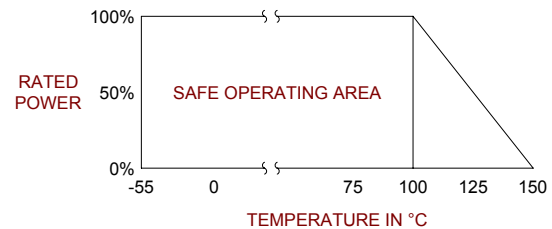
### 4.0 PACKAGING

Standard: Tray Packaging  
 Optional: Available Upon Request

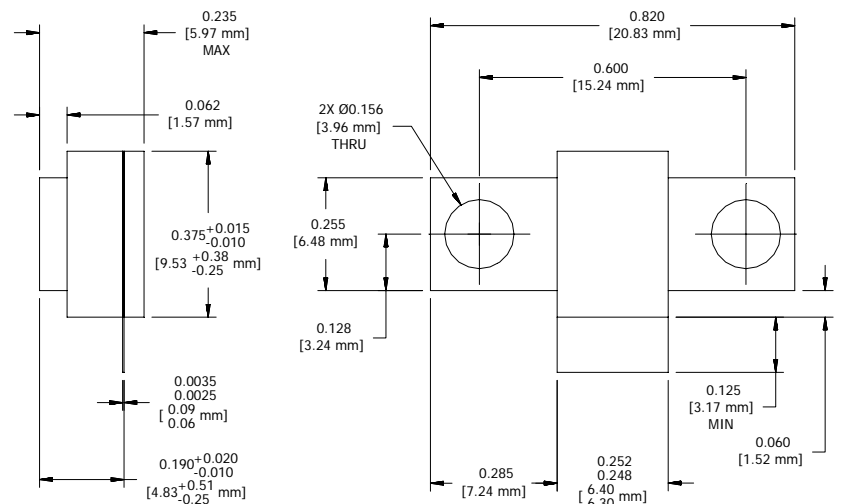
### 5.0 PART NUMBERING

Part Identifier: 32-1002

## POWER RATING AND DERATING



## MECHANICAL OUTLINE



Note: Specifications are subject to change without notice.

TOLERANCE: ± .010