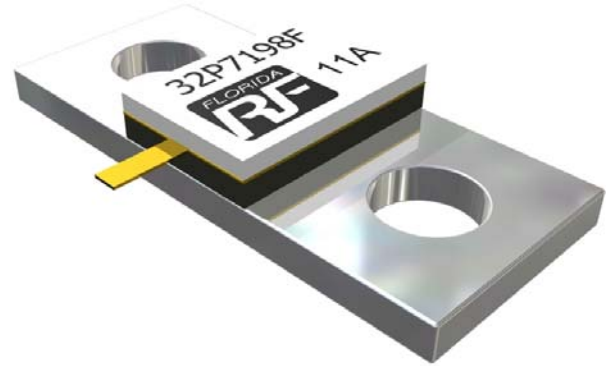


FEATURES

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

APPLICATIONS

- Telecom Base Stations
- Broadcast
- High Power Filters
- High Power Amplifiers
- Instrumentation



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. This series of products is specifically designed for high power "Low PIM" applications.

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 Ω
Frequency Range:	DC – 2.3 GHz
VSWR:	1.20 (DC - 2.3 GHz) Max 1.06 (1.8 - 1.9 GHz) Typ
Temperature Coefficient:	±200 PPM/°C Max
Power Rating:	150 Watts
Operating Temperature:	-55 °C To +150 °C
DC Resistance:	50 Ω ±5%
PIM:	-123 dBc With Two 20 Watt Tones, Typical

2.0 MECHANICAL

Flange:	Copper, Nickel Plated
Substrate:	Aluminum Nitride
Cover:	Alumina
Tab:	Copper, Gold Plated
Resistive Film:	Thin Film

3.0 UNIT MARKING

Logo And Part Number

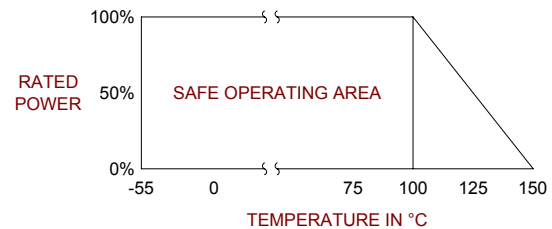
4.0 PACKAGING

Standard:	Tray Packaging
Optional:	Available Upon Request

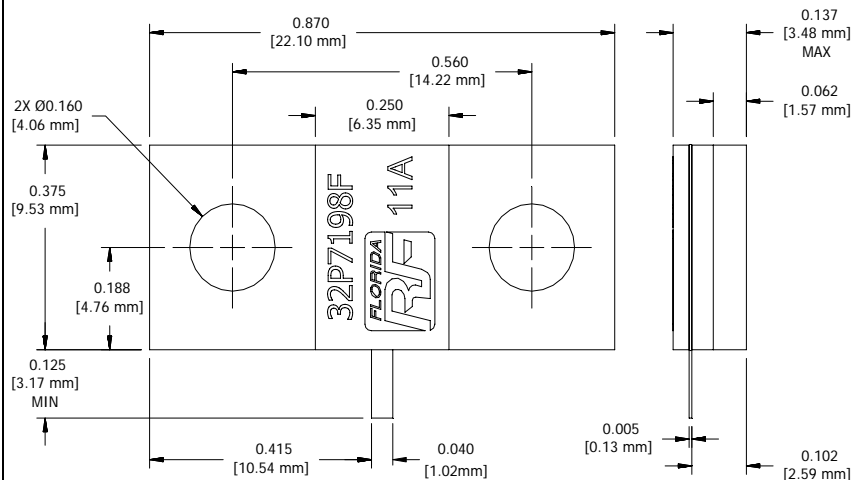
5.0 PART NUMBERING

Part Identifier:	32P7198F
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POWER RATING AND DERATING



MECHANICAL OUTLINE



Note: Specifications are subject to change without notice. TOLERANCE: .XX = ±.02
.XXX = ±.010

VSWR CHART

