

TERMINATION FLANGE MOUNT 110 WATT



DATA SHEET

PART SERIES: 32P7197F

SHEET 1 OF 2
Dwg 32P7197F

EN 13-3517
Revision-

FEATURES

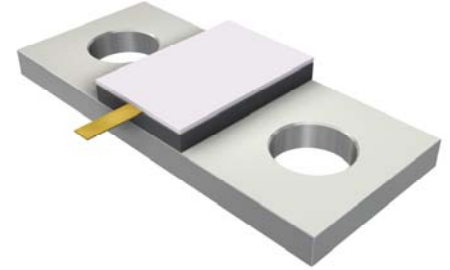
Tab Launch
High Power
Integrated Heat Sink
Low VSWR
Easy Installation

APPLICATIONS

Mobile Networks
Broadcast
High Power Amplifiers
Isolators
Military
Instrumentation

GENERAL DESCRIPTION

EMC Technology offers the widest selection of flange mount terminations worldwide. High power flange components offer excellent performance and the convenience of bolt on installation.



ORDERING INFORMATION

Part Identifier: 32P7197F

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 ohms
Frequency Range:	DC - 2.0 GHz
VSWR:	DC - 2.0 GHz 1.25:1 Max
Input Power CW:	110 Watts @ 100°C heat sink, derated linearly to zero power and 150°C
Peak Power:	1100 Watts (based on 10us pulse width and 1% duty cycle)
DC Resistance:	50 Ω \pm 5%
PIM:	-127 dBc, with 2 20 W tones

2.0 ENVIRONMENTAL

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C
Temperature Coefficient:	+/-200 PPM / °C max

3.0 MARKING

Unit Marking:	Logo and Part Number, legibility and permanency per MIL-STD-130
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4.0 QUALITY ASSURANCE

Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

5.0 PACKAGING

Standard Packaging:	Tray Packaging
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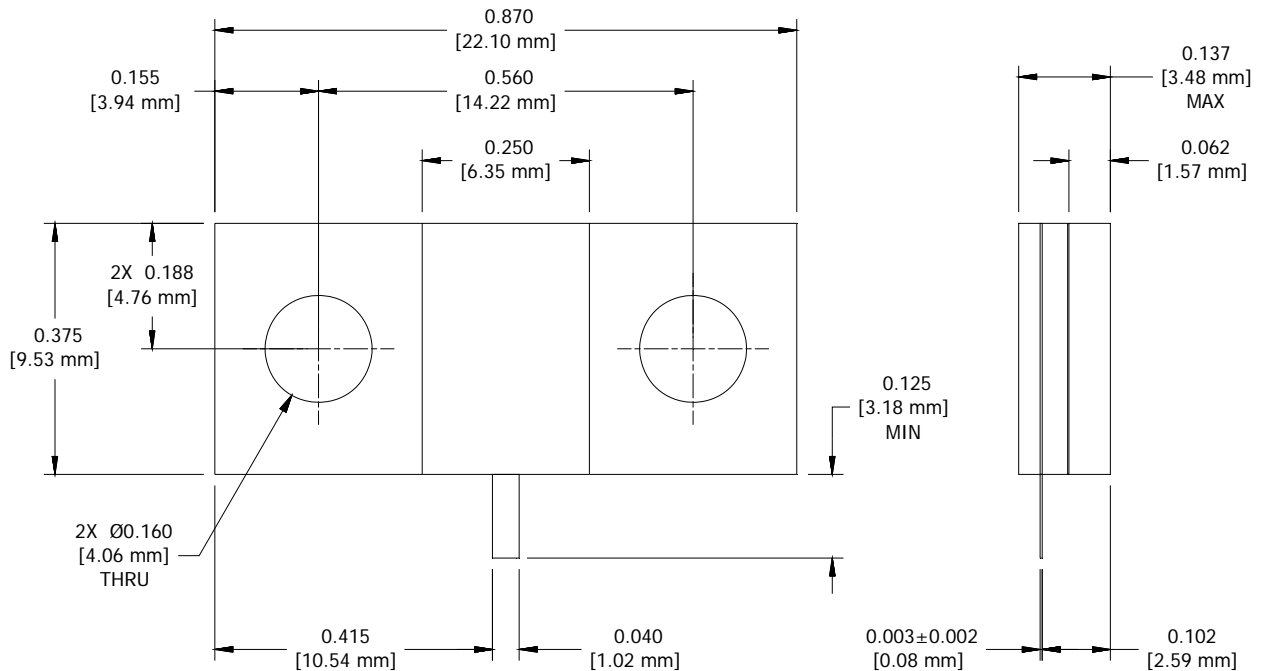
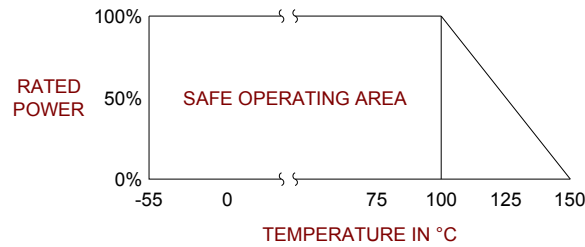
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6.0 MECHANICAL

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Gold Plated
Flange Material:	Copper
Flange Finish:	Nickel
Metric Dimensions:	Provided for reference only



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.02 X.XXX = ± 0.010