

TERMINATION FLANGE MOUNT 800 WATT



DATA SHEET

PART SERIES: 32A7205F

SHEET 1 OF 2
1013455

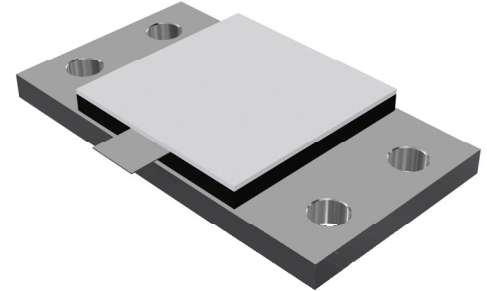
EN 15-0267
Revision A

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: **32A7205F**

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 ohms
Frequency Range:	DC - 900 MHz
VSWR:	DC – 900 MHz 1.25:1 max, DC – 300 MHz 1.10:1 max, 698 – 900 MHz 1.20:1 max
Input Power CW:	800 Watts @ 100°C heat sink, derated linearly to zero power and 150 °C
Peak Power:	8000 Watts (based on 10 µs pulse width and 1% duty cycle)
DC Resistance:	50 Ω ± 5%

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
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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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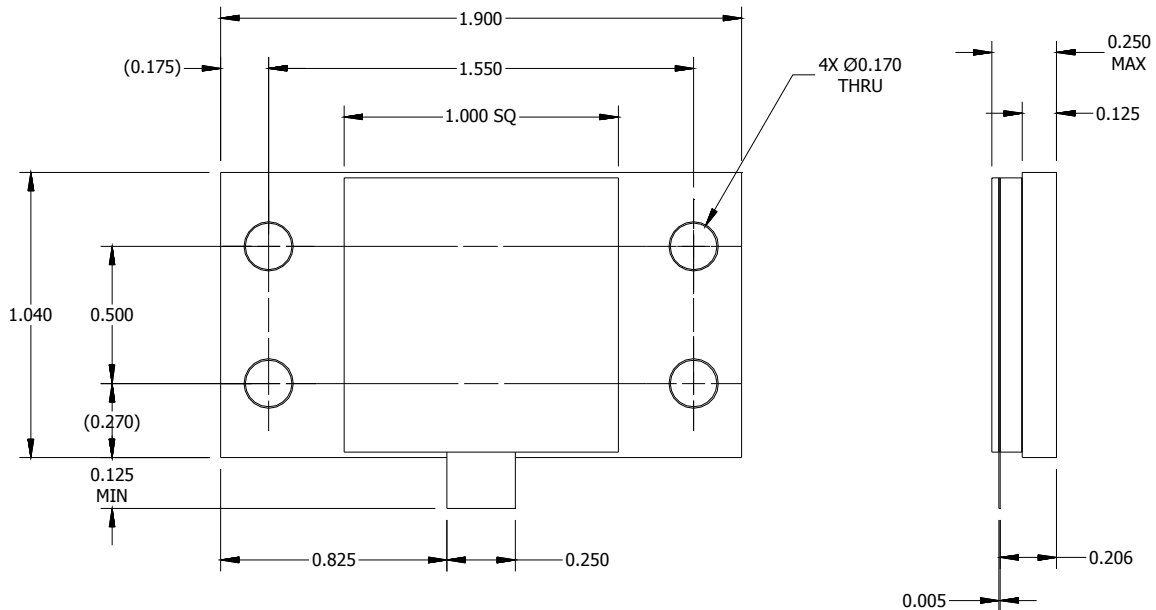
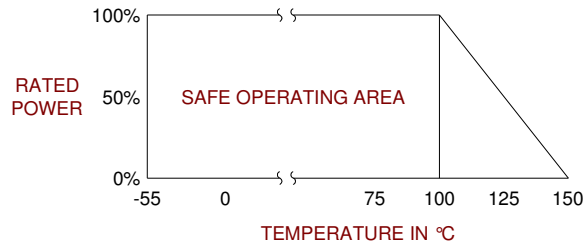
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6.0 MECHANICAL

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Tab Material:	Be/Cu
Tab Finish:	Silver Plated
Flange Material:	Copper
Flange Finish:	Nickel Plated
Metric Dimensions:	Provided for reference only



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