

ATTENUATOR FLANGE MOUNT 400 WATT



DATA SHEET

PART SERIES: 33A702530.00F

SHEET 1 OF 2
Dwg 33A702530.00F

PRELIMINARY
Revision 1

FEATURES

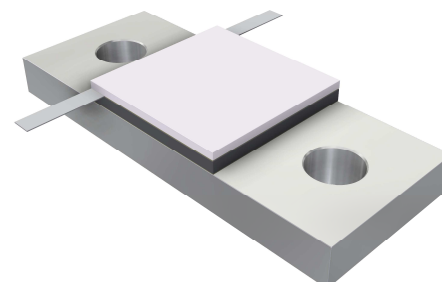
- Tab Launch
- High Power
- Integrated Heat Sink
- Low VSWR
- Easy Installation

APPLICATIONS

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

GENERAL DESCRIPTION

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



ORDERING INFORMATION

Part Identifier:

33A702530.00F

Attenuation Value

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 ohms
Frequency Range:	2.4 - 2.5 GHz
Attenuation Values Available:	30 dB
Attenuation Accuracy:	± 1.5 dB
Input Power CW:	400 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	4000 watts (based on 100us pulse width and 1% duty cycle)
VSWR:	1.20:1 Max

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:	In/Out, Logo, and Attenuation value, legibility and permanency per MIL-STD-130
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4.0 QUALITY ASSURANCE

Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.
Visual and Mechanical Examination for Conformance To Outline Drawing Requirements.
Measure Attenuation and VSWR
Data Retention – Standard

5.0 PACKAGING

Standard Packaging:	Tray
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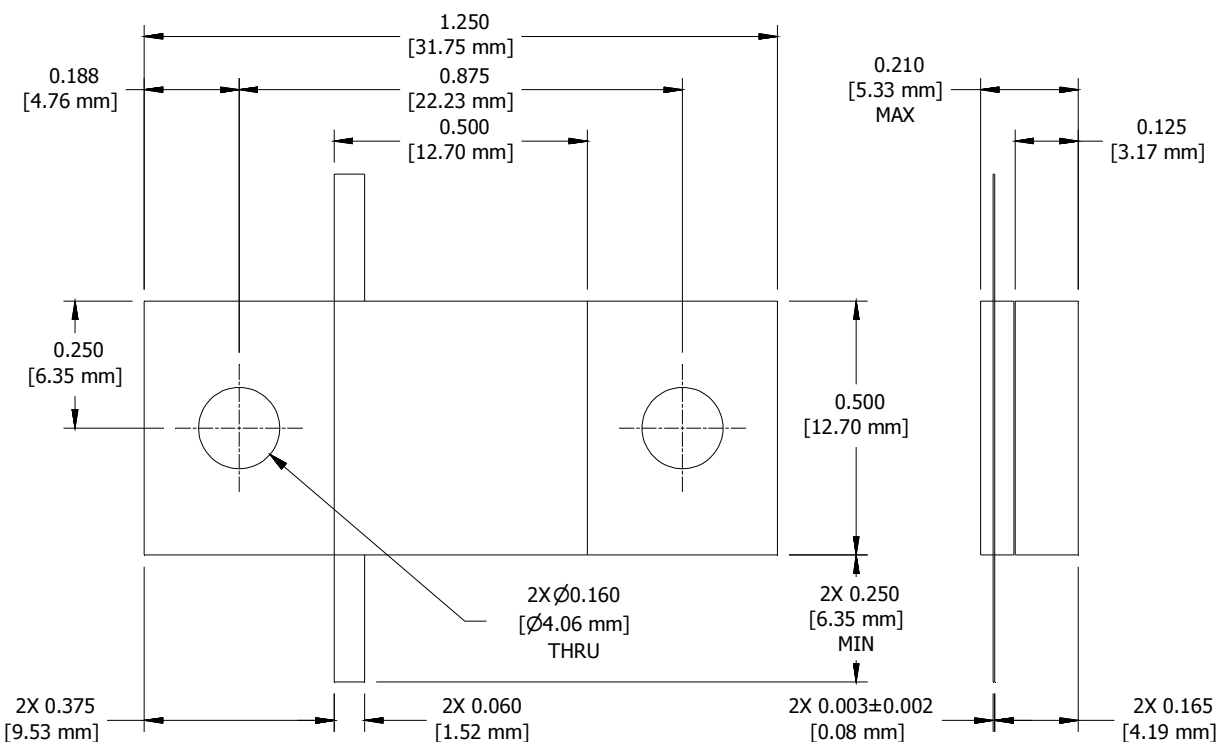
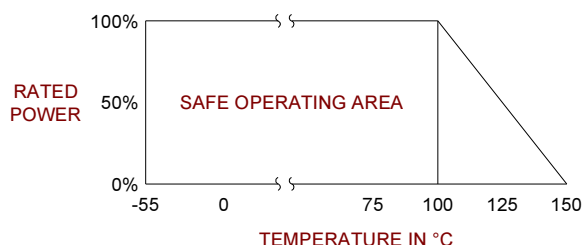
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6.0 MECHANICAL

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



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

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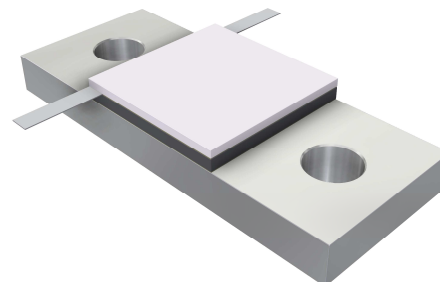
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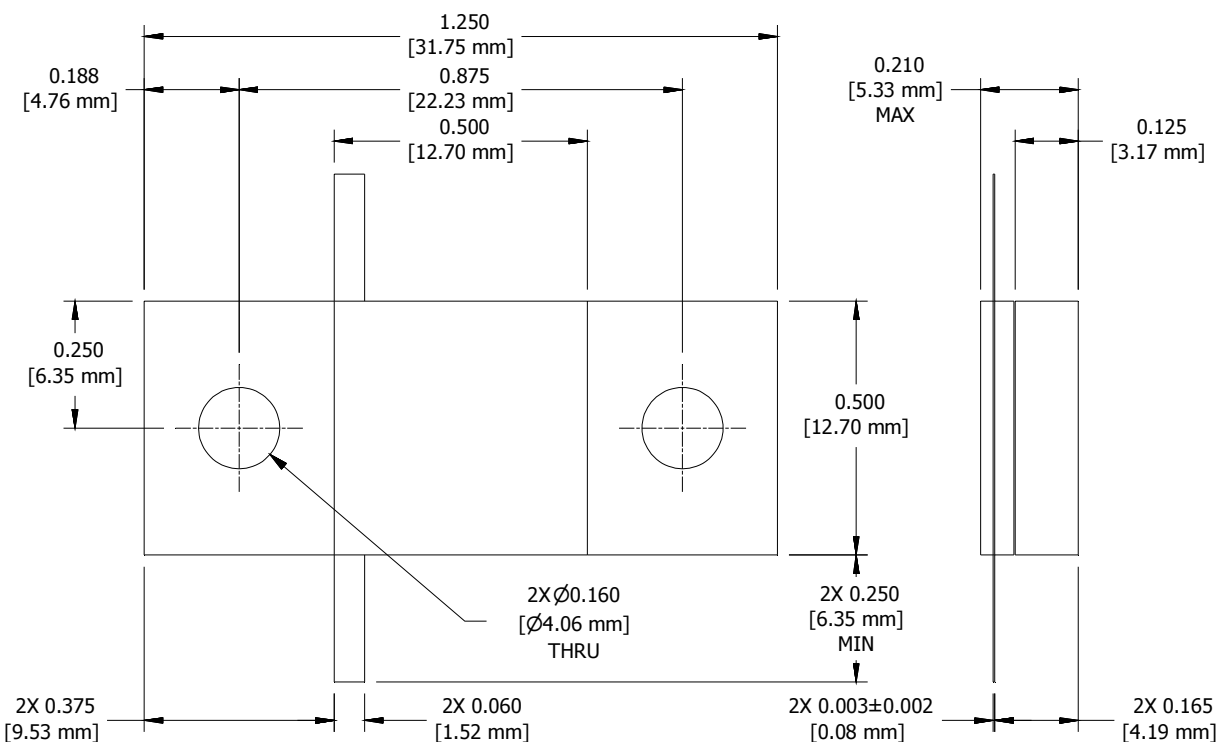
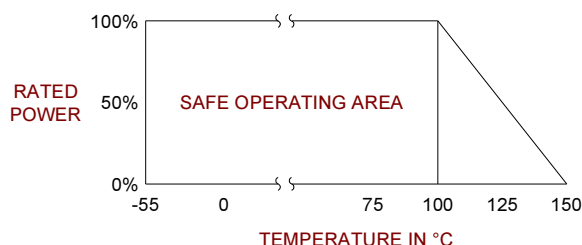
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