

ORDERING INFORMATION

PART IDENTIFIER:

33A7004XX.XXF

└─ Attenuation Value

SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 ohms
Frequency Range:	DC - 3.0 GHz
Attenuation Values Available:	1 through 20 dB in 1 dB increments and 30 dB
Attenuation Accuracy:	1 through 10 dB ± 1.0 dB 11 through 20 dB ± 1.0 dB 30 dB ± 1.0 dB
Input Power CW:	100 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	1000 watts (based on 10us pulse width and 1% duty cycle)
VSWR:	DC – 1.0 GHz 1.15:1 Max 1.0 – 2.0 GHz 1.25:1 Max 2.0 – 3.0 GHz 1.30:1 Max

2. ENVIRONMENTAL:

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

3. MARKING:

Unit Marking:	Logo and Part Number; legibility and permanency per MIL-STD-130
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4. 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. PACKAGING:

Standard Packaging:	Tray
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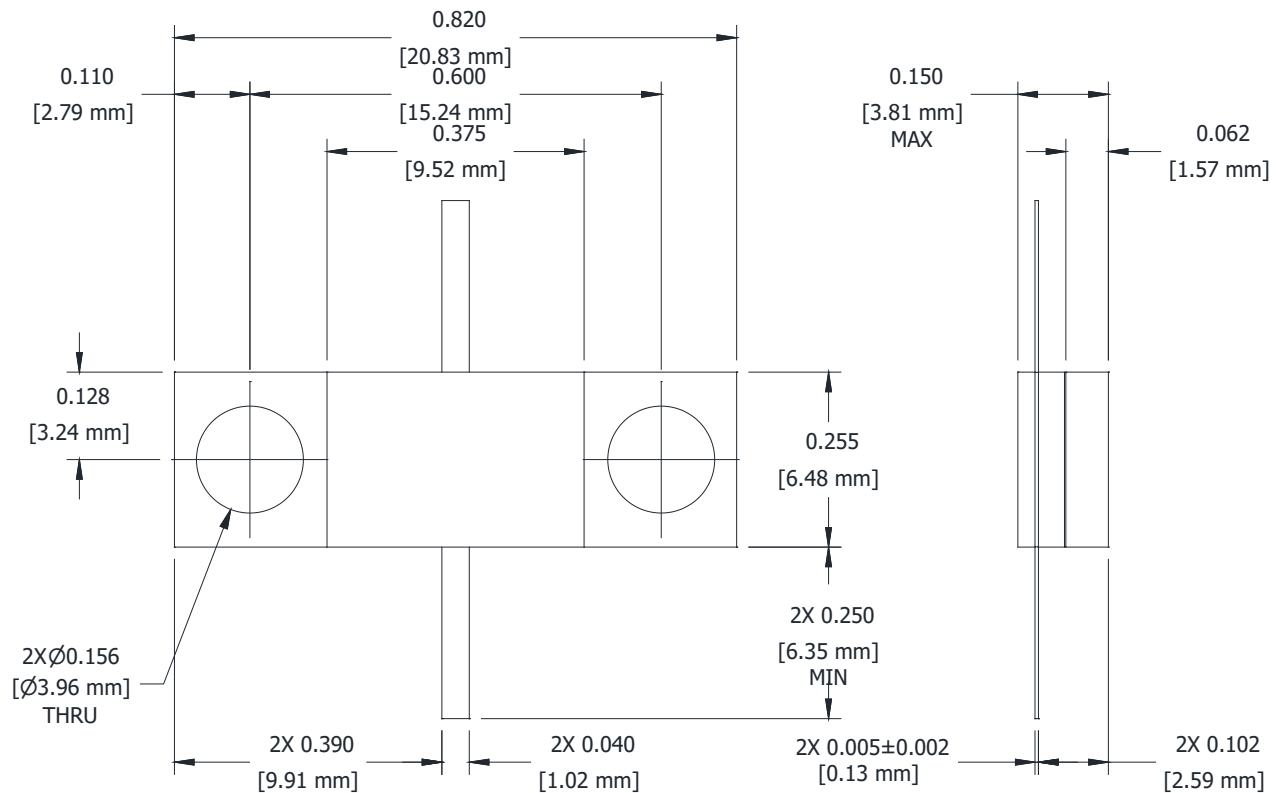
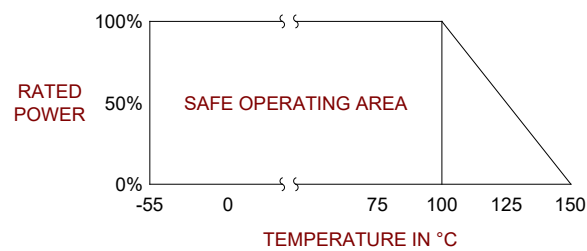
ATTENUATOR FLANGE MOUNT 100 WATT

DATASHEET PART SERIES: 33A7004XX.XXF

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6. MECHANICAL:

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver 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