

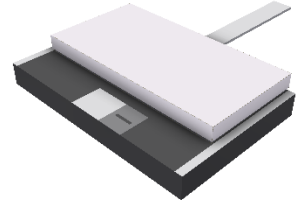


ORDERING INFORMATION

PART IDENTIFIER:

83A7034TCXX.XXF

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	DC – 2.2 GHz
Attenuation Values Available:	1 through 20 dB in 1 dB increments and 30 dB.
Attenuation Accuracy:	1 through 20 dB ± 0.5 dB 30 dB ± 1.0 dB
Input Power CW:	150 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	1500 watts (based on 10 μ s pulse width and 1% duty cycle)
VSWR:	DC - 1 GHz 1.15:1 Max 1 - 2 GHz 1.35:1 Max 2 – 2.2 GHz 1.40:1 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 Inspection for Conformance to Outline Drawing.

Measure Attenuation and VSWR.

Data Retention – Standard.

5. PACKAGING:

Standard Packaging:	Tray
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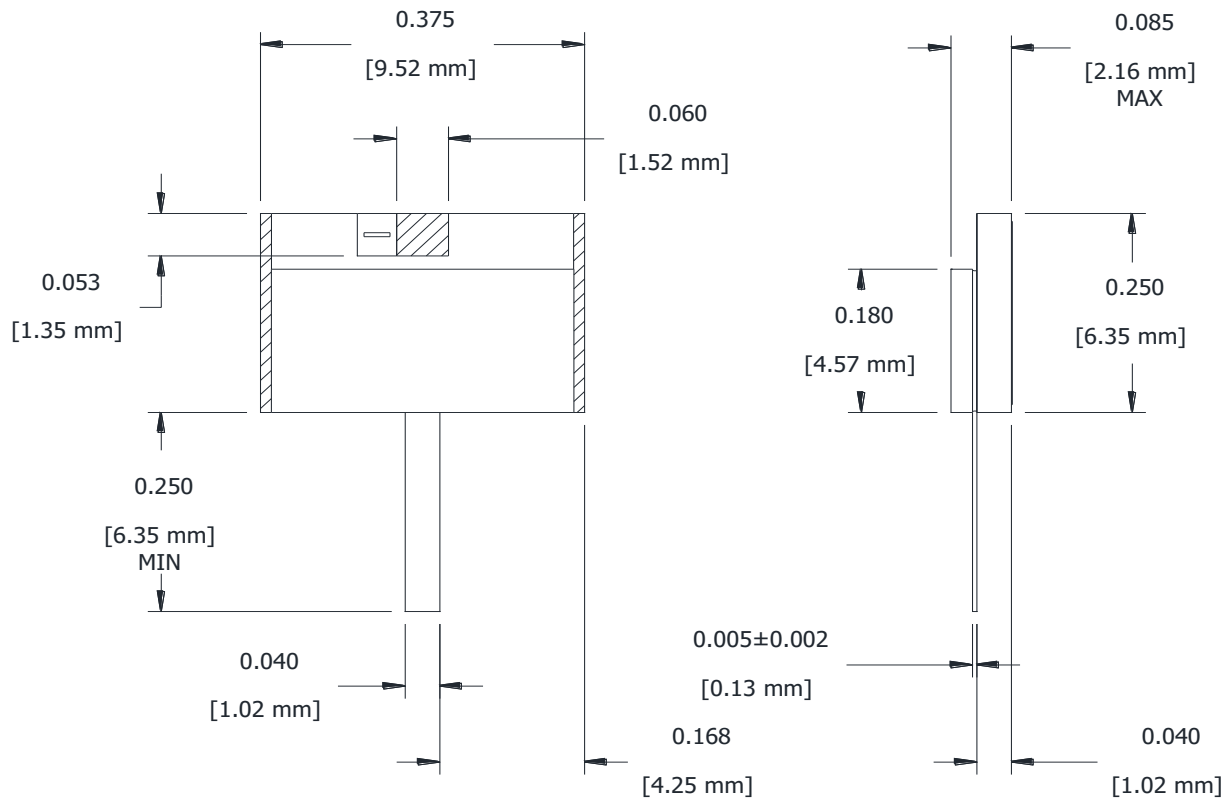
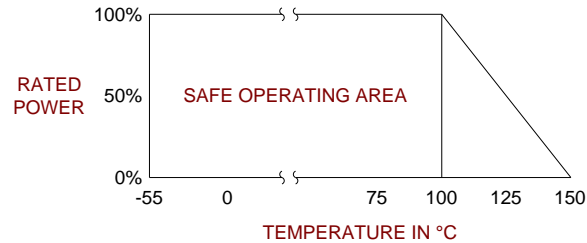
ATTENUATOR TAB AND COVER 150 WATT

DATASHEET PART SERIES: 83A7034TCXX.XXF

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Revision -

6. MECHANICAL:

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver plated.
Metric Dimensions:	Provided for reference only.



Unless Otherwise Specified:

TOLERANCE: X.XX = ± 0.02 X.XXX = ± 0.010