

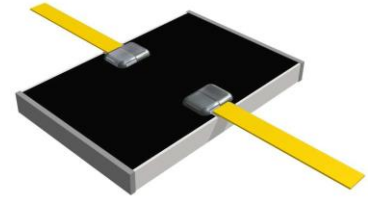


ORDERING INFORMATION

PART IDENTIFIER:

83A7048TEXX.00F

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	DC – 3.0 GHz
Attenuation Values Available:	20.0 dB and 30.0 dB
Attenuation Accuracy:	± 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 – 1.0 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:	None
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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.

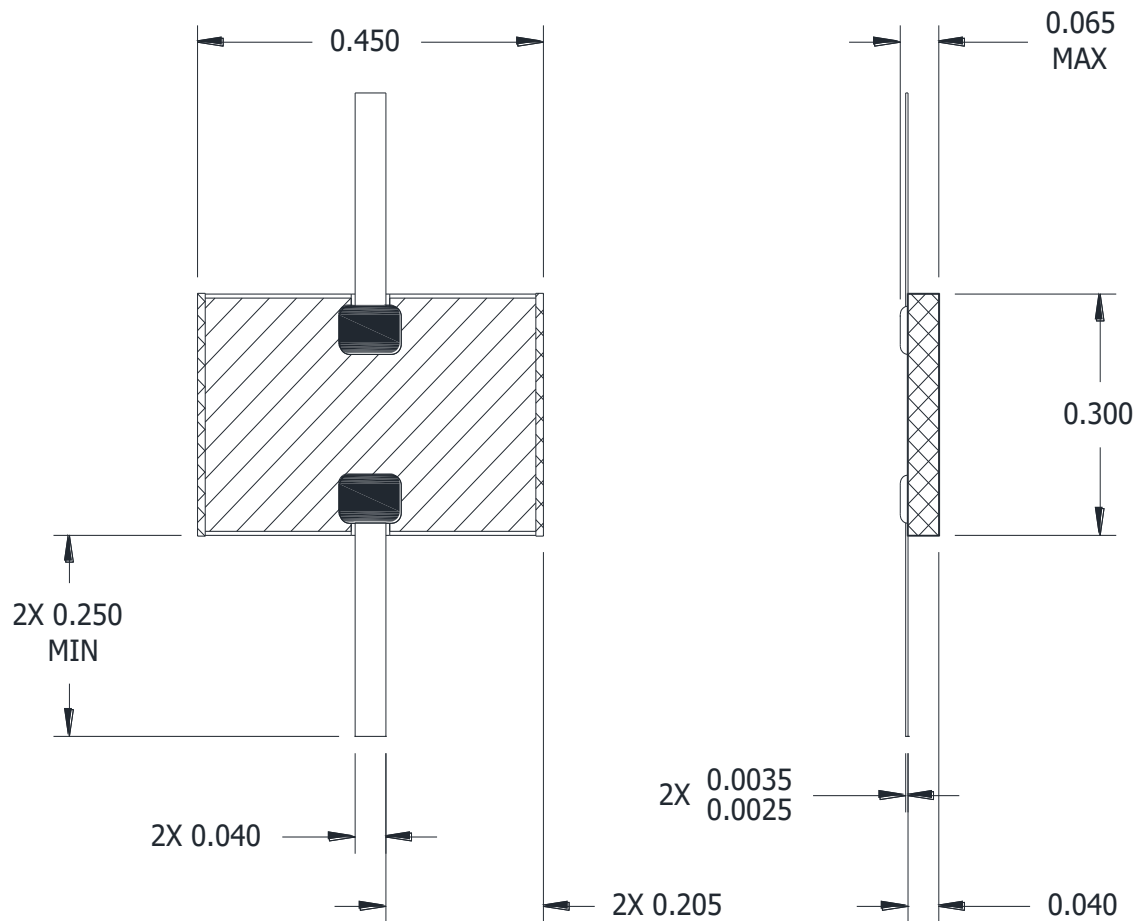
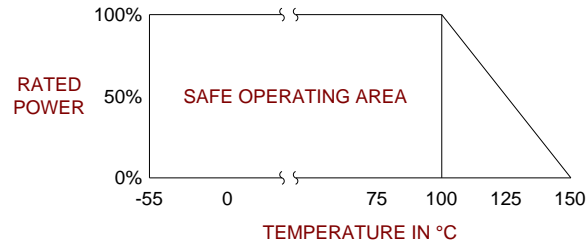
Data Retention – Standard.

5. PACKAGING:

Standard Packaging:	Tray Packaging
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**6. MECHANICAL:**

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin film
Tab Material:	Beryllium Copper
Tab Finish:	Gold Plated
Metric Dimensions:	Provided for reference only.



Unless Otherwise Specified:

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