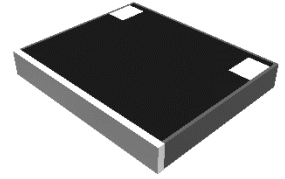


ORDERING INFORMATION

PART IDENTIFIER:

83-7012-XX.XX

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	1.8 – 2.4 GHz
Attenuation Values Available:	30 dB
Attenuation Accuracy:	± 1.5 dB
Input Power CW:	75 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	750 watts (based on 10 μ s pulse width and 1% duty cycle)
VSWR:	1.25:1 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:

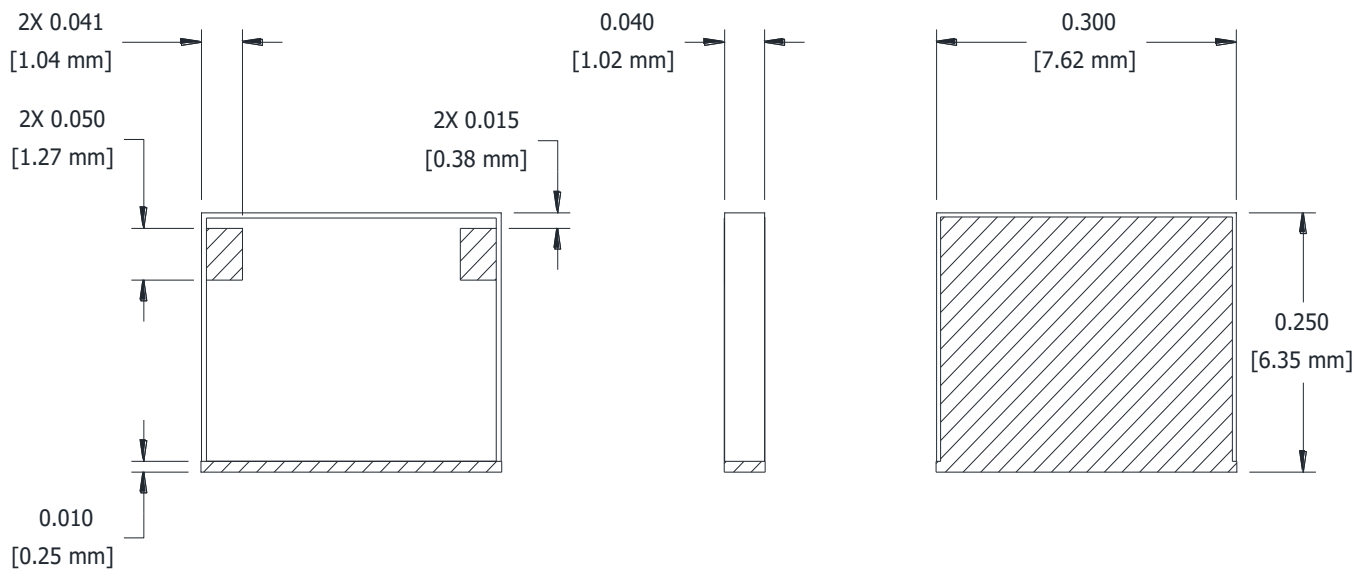
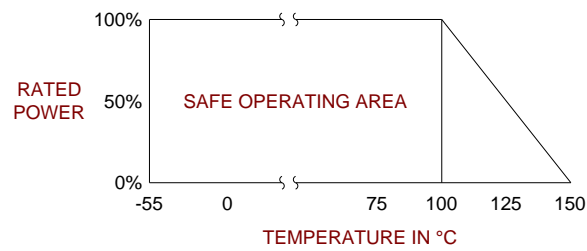
Standard Packaging:	Tape and Reel
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6. MECHANICAL:

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Terminal Material:	Thick film, Tin/Lead plated.
Metric Dimensions:	Provided for reference only.

ATTENUATOR CHIP 75 WATT

DATASHEET PART SERIES: 83-7012-XX.XX

Sheet 2 of 2
Doc# 83-7012ECO-083803
Revision -Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.02 X.XXX = ± 0.010