

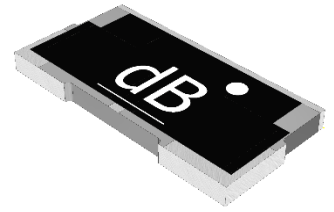


ORDERING INFORMATION

PART IDENTIFIER:

83A7046XX.XXF

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	DC – 3.0 GHz
Attenuation Values Available:	1 through 10 in 1 dB increments; 20 and 30 dB
Attenuation Accuracy:	1 through 10 dB ± 0.75 dB 20 dB ± 1.00 dB 30 dB ± 1.50 dB
Input Power CW:	20 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	200 watts (based on 10 μ s pulse width and 1% duty cycle)
VSWR:	DC – 3.0 GHz 1.22:1 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:	dB value and orientation dot, 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:	Tape and Reel
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6. MECHANICAL:

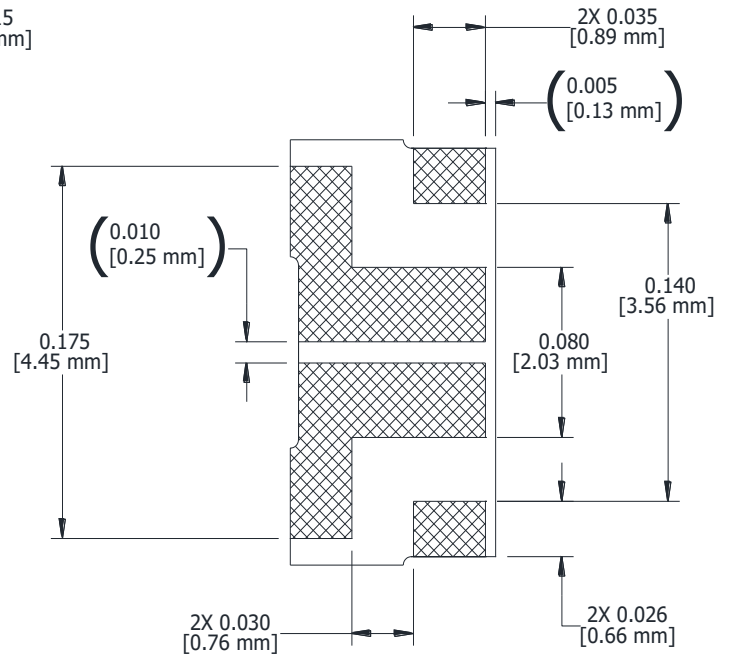
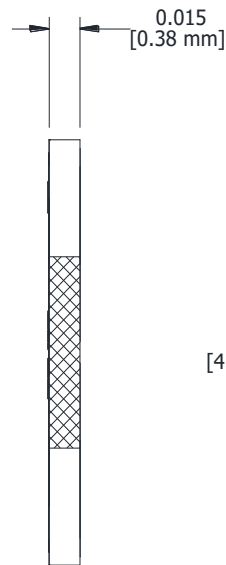
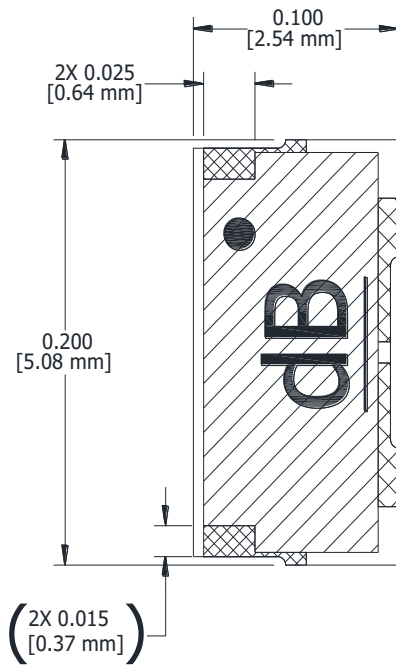
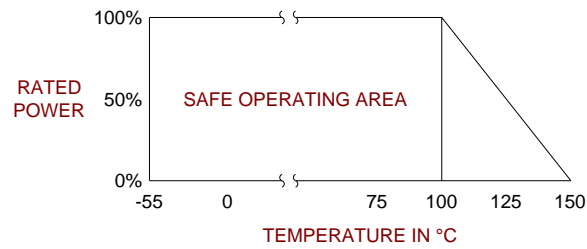
Substrate Material:	Aluminum Nitride
Resistive Film:	Thin film
Terminal Material:	Thick film, silver plated.
Metric Dimensions:	Provided for reference only.

ATTENUATOR CHIP 20 WATT

DATASHEET PART SERIES: 83A7046XX.XXF

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Doc# 83A7046F

ECO-083803
Revision D



Unless Otherwise Specified:

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