

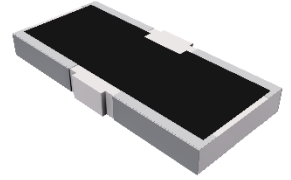


ORDERING INFORMATION

PART IDENTIFIER:

83A8054XX.XXF

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	DC – 3.0 GHz
Attenuation Values Available:	1 through 20 dB in 1 dB increments
Attenuation Accuracy:	1 dB through 4 dB ± 0.3 dB 5 dB through 20 dB ± 0.5 dB
Input Power CW:	7 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	70 watts (based on 10 μ s pulse width and 1% duty cycle)
VSWR:	1 - 4 GHz 1.25:1 Max 5 - 20 GHz 1.35:1 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, Input/Output identification, 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.

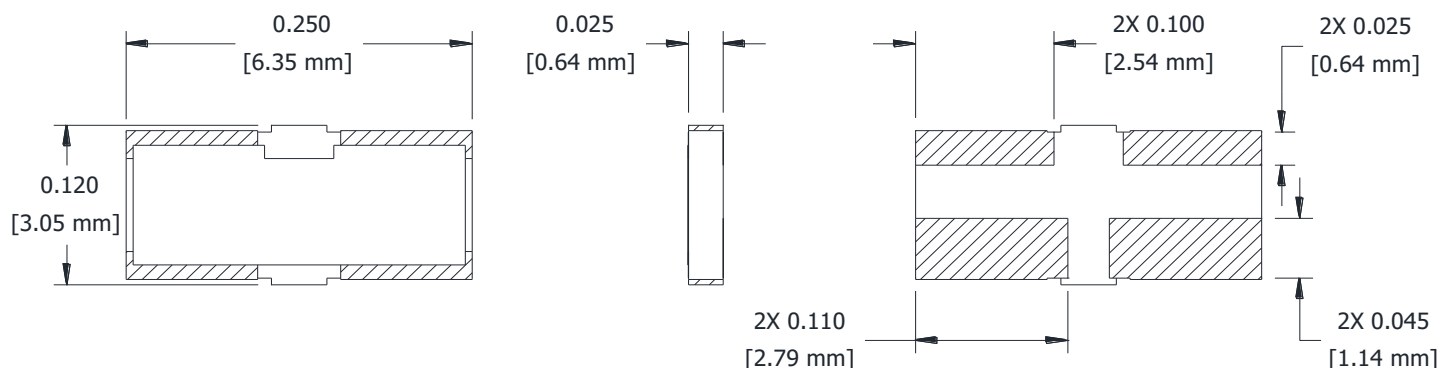
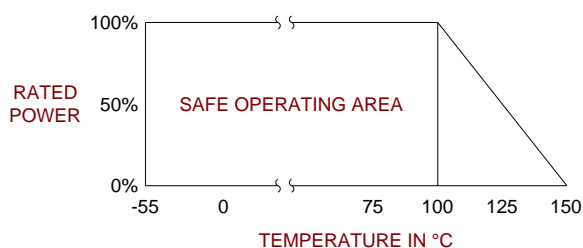
5. PACKAGING:

Standard Packaging:	Tape and Reel
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6. MECHANICAL:

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



Unless Otherwise Specified:

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