

## ORDERING INFORMATION

### PART IDENTIFIER:

33A1053XX.XXF

Attenuation Value

## SPECIFICATIONS

### 1. ELECTRICAL:

Nominal Impedance:	50 ohms
Frequency Range:	DC - 4.0 GHz
Attenuation Values Available:	11-20 dB
Attenuation Accuracy:	± 1.0 dB
Input Power CW:	20 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	200 watts (based on 10us pulse width and 1% duty cycle)
VSWR:	DC – 2.0 GHz 1.15:1 Max 2.0 – 4.0 GHz 1.50:1 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:	Attenuation value; 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 Examination for Conformance to Outline Drawing Requirements.

Measure Attenuation and VSWR.

Data Retention – Standard

### 5. PACKAGING:

Standard Packaging:	Tray
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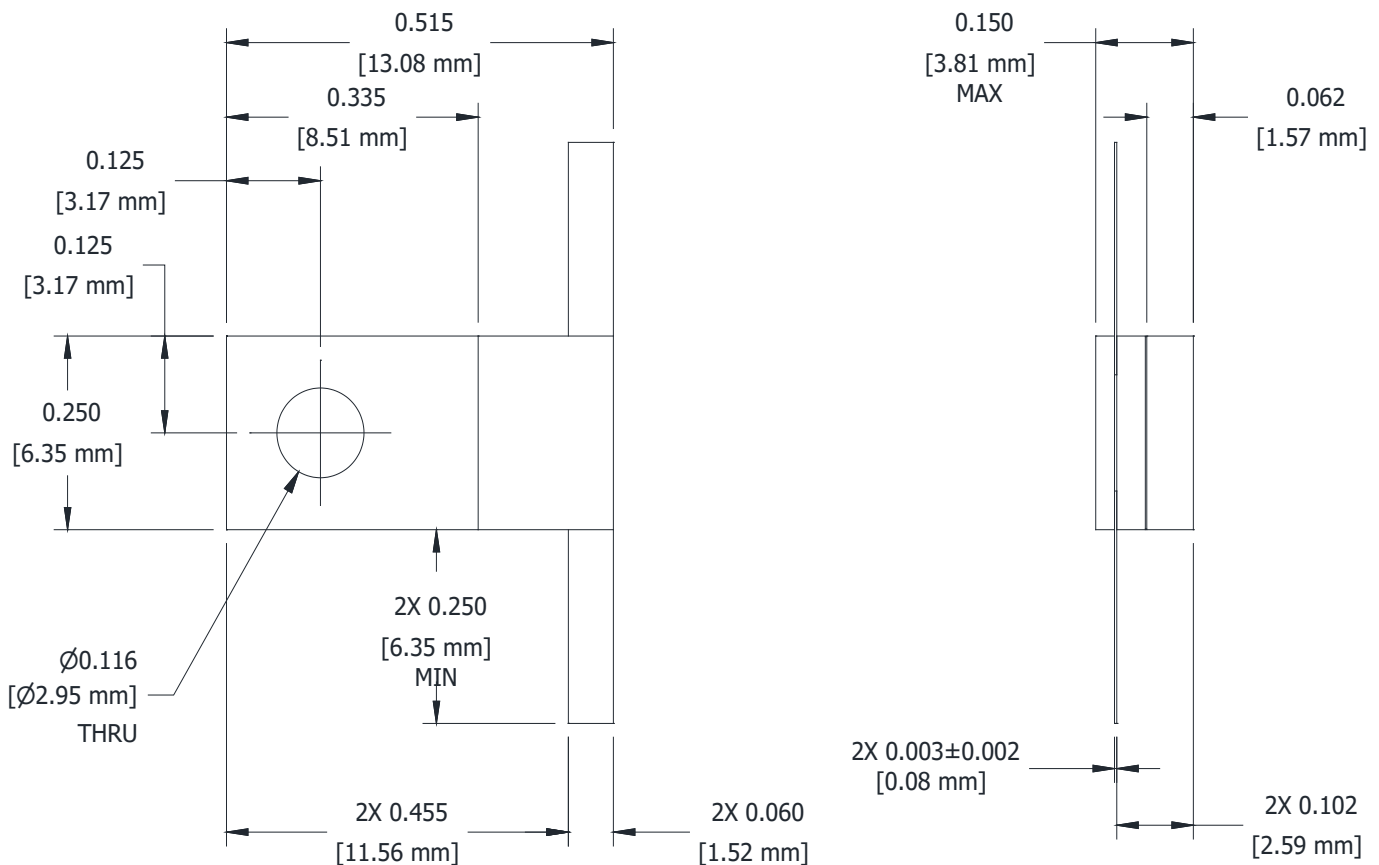
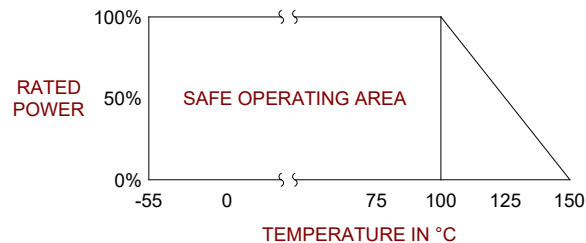


## ATTENUATOR FLANGE MOUNT 20 WATT

DATASHEET PART SERIES: 33A1053XX.XXF

Sheet 2 of 2  
Doc# 33A1053FECO-083524  
Revision -**6. MECHANICAL:**

Substrate Material:	Beryllium Oxide
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver
Flange Material:	Copper
Flange Finish:	Nickel
Metric Dimensions:	Provided for reference only.

Unless Otherwise Specified: TOLERANCE: X.XX =  $\pm 0.02$  X.XXX =  $\pm 0.010$