

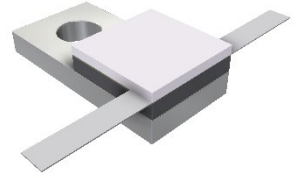


ORDERING INFORMATION

PART IDENTIFIER:

33A1001XX.XXF

└─ Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 ohms
Frequency Range:	DC - 4.0 GHz
Attenuation Values Available:	1 through 10 dB in 1 dB increments
Attenuation Accuracy:	1 through 10 dB \pm 0.5 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:	Logo and Attenuation value; legibility and permanency per MIL-STD-130
---------------	---

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
---------------------	------

6. MECHANICAL:

Substrate Material:	Beryllium Oxide
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver

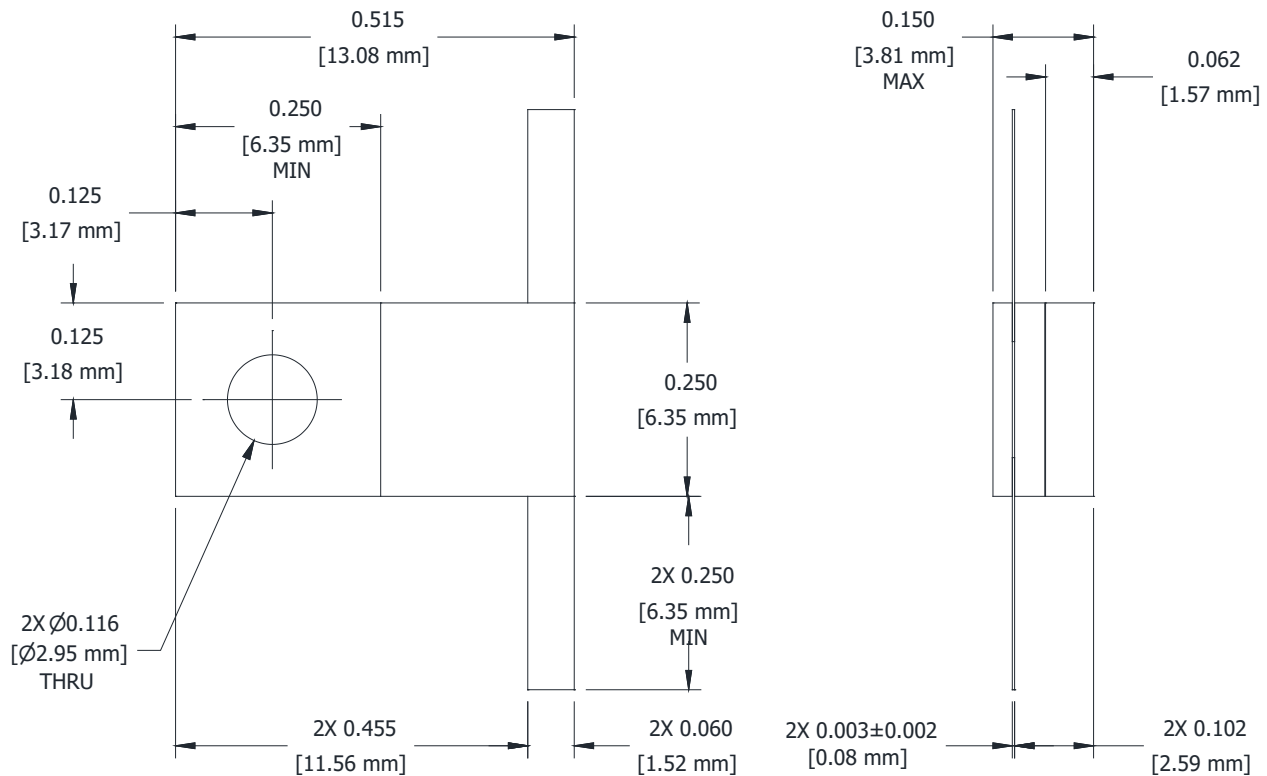
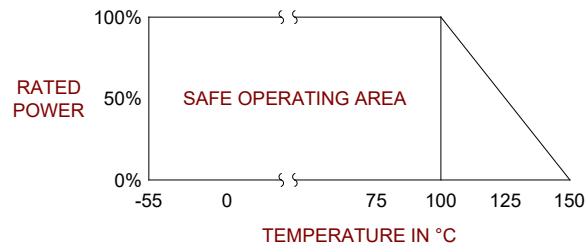


ATTENUATOR FLANGE MOUNT 20 WATT

DATASHEET PART SERIES: 33A1001XX.XXF

Sheet 2 of 2
Doc# 33A1001FECO-083524
Revision -

Flange Material: Copper
Flange Finish: Nickel
Metric Dimensions: Provided for reference only.

Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.02 X.XXX = ± 0.010