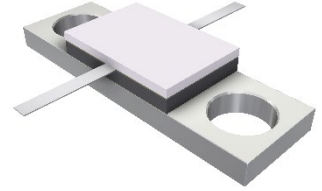


## ORDERING INFORMATION

## PART IDENTIFIER:

33-7004-XX.XX

Attenuation Value



## SPECIFICATIONS

## 1. ELECTRICAL:

Nominal Impedance:	50 ohms
Frequency Range:	DC – 3.0 GHz
Attenuation Values Available:	1 through 10 dB in 1 dB increments and 15, 20, and 30 dB
Attenuation Accuracy:	± 1.0 dB
Input Power CW:	100 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	1000 watts (based on 10us pulse width and 1% duty cycle)
VSWR:	DC – 1.0 GHz      1.15:1 Max
	1.0 – 2.0 GHz      1.25:1 Max
	2.0 – 3.0 GHz      1.30:1 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 Part Number; 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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## 6. MECHANICAL:

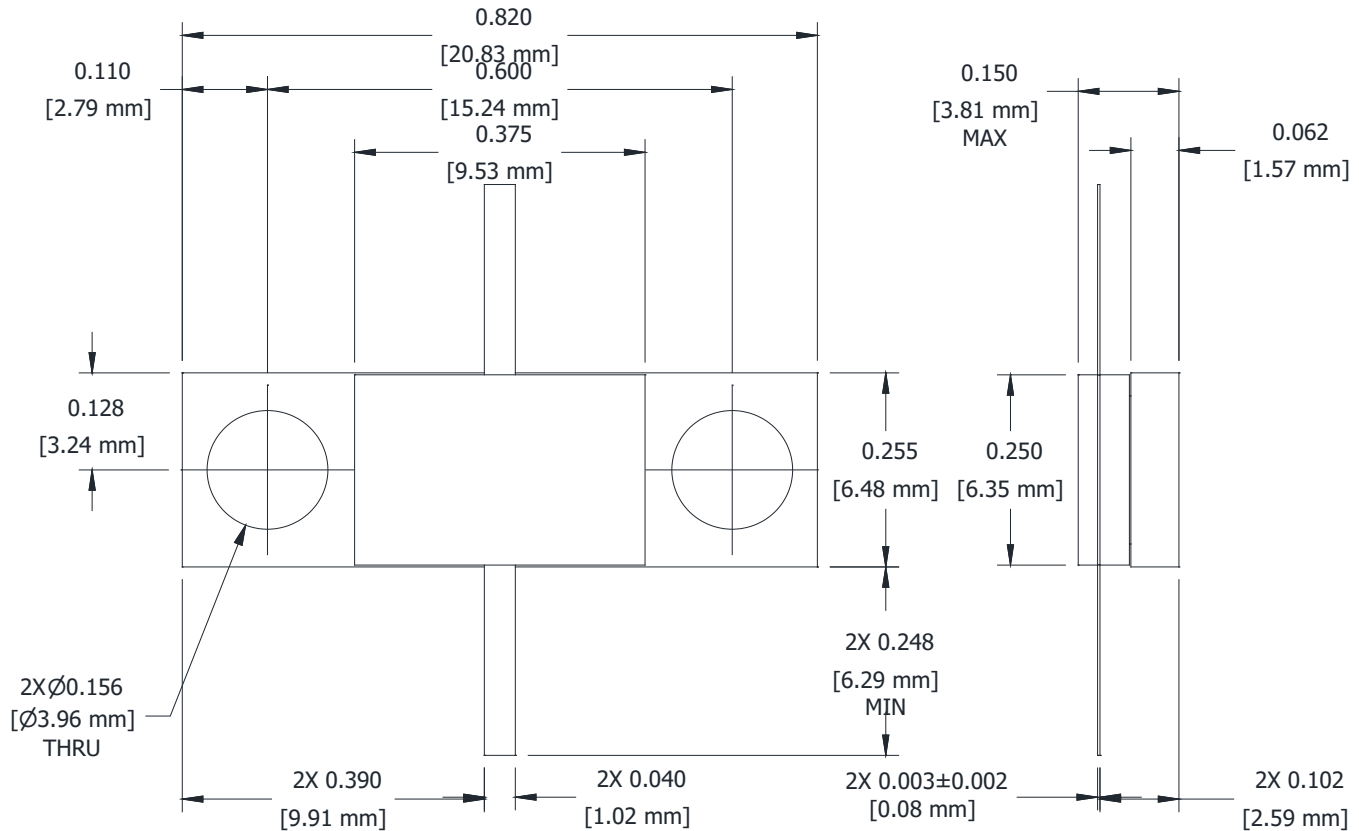
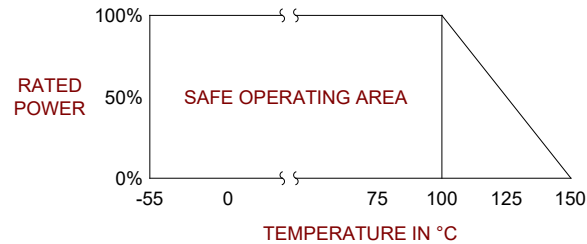
Substrate Material:	Aluminum Nitride
Resistive Film:	Nichrome
Cover Material:	Alumina

## ATTENUATOR FLANGE MOUNT 100 WATT

DATASHEET PART SERIES: 33-7004-XX.XX

Sheet 2 of 2  
Doc# 33-7004ECO-083524  
Revision -

Tab Material: Beryllium Copper  
 Tab Finish: Tin/Lead  
 Flange Material: Copper  
 Flange Finish: Nickel  
 Metric Dimensions: Provided for reference only.



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