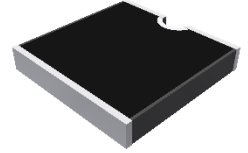


ORDERING INFORMATION

PART IDENTIFIER:

83-3999-XX.XX

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

| | |
|-------------------------------|--|
| Nominal Impedance: | 50 Ω |
| Frequency Range: | DC – 2.4 GHz |
| Attenuation Values Available: | 1 – 25 dB in 1 dB increments |
| Attenuation Accuracy: | 1 - 10 dB \pm 0.5 dB 11 - 20 dB \pm 1.0 dB 21 - 25 dB \pm 1.5 dB |
| Input Power CW: | 10 watts @ 100°C heat sink, derated linearly to zero power at 150°C |
| Peak Power: | 100 watts (based on 10 μ s pulse width and 1% duty cycle) |
| VSWR: | 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: | None |
|---------------|------|

4. QUALITY ASSURANCE:

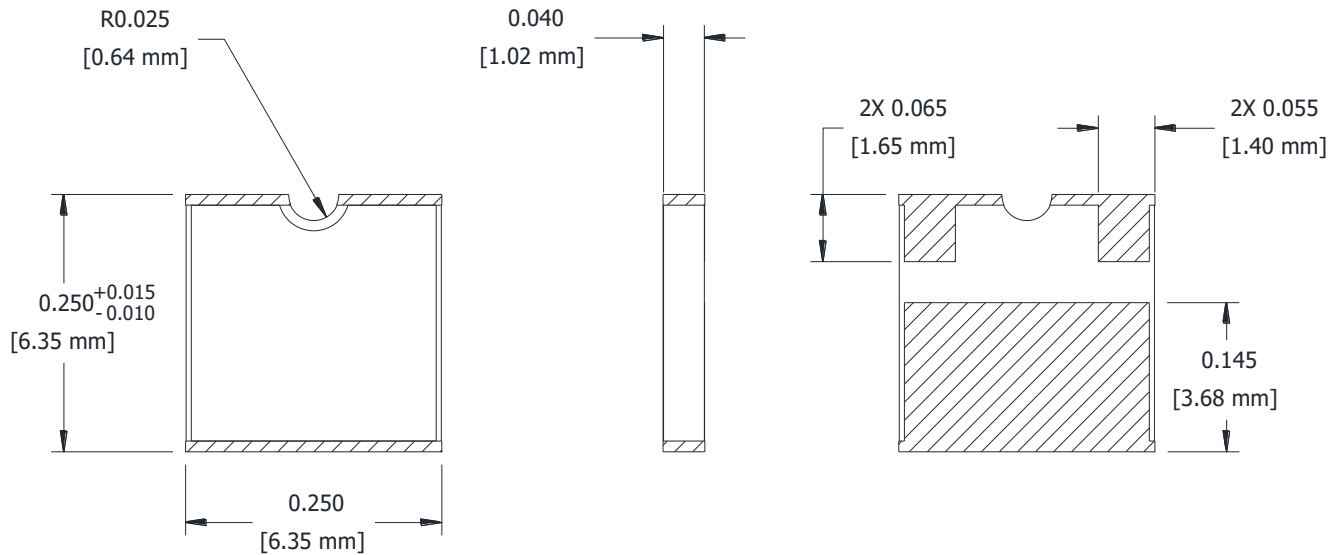
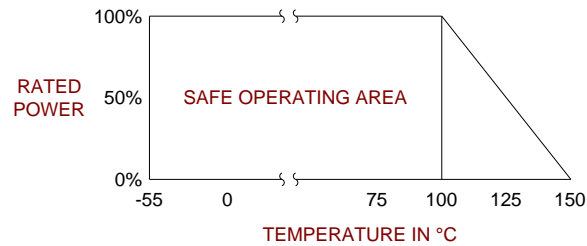
Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.
 Visual and Mechanical Inspection for Conformance to Outline Drawing.
 Measure Attenuation and VSWR.
 Data Retention – Standard.

5. PACKAGING:

| | |
|---------------------|---------------|
| Standard Packaging: | Tape and Reel |
|---------------------|---------------|

6. MECHANICAL:

| | |
|---------------------|------------------------------|
| Substrate Material: | Beryllium Oxide |
| Resistive Film: | Thin Film |
| Terminal Material: | Thick film, Tin/Lead plated. |
| Metric Dimensions: | Provided for reference only. |



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