



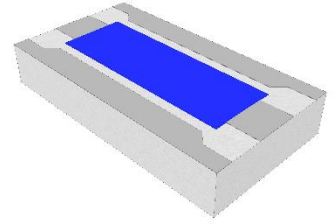
ORDERING INFORMATION

PART IDENTIFIER:

KFAXX.00-XSMTF

Frequency Range 5=18 – 27 GHz
6=27 – 36 GHz

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

| | |
|-------------------------------|------------------------------------------------------|
| Nominal Impedance: | 50 Ω |
| Frequency Range: | 18 - 27 GHz; 27 – 36 GHz |
| Attenuation Values Available: | 0 - 10 dB |
| *Attenuation Accuracy: | ± 0.75 dB |
| Input Power CW: | 200 mW Max |
| Peak Power: | 2 W (based on 10 μ s pulse width, 1% duty cycle) |
| *VSWR: | 1.35:1 Typical 1.50:1 Maximum |

*Note: Based on EMC test fixture (RO4350B 0.0133" THK CPWG)

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 |
|---------------|----------|

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.

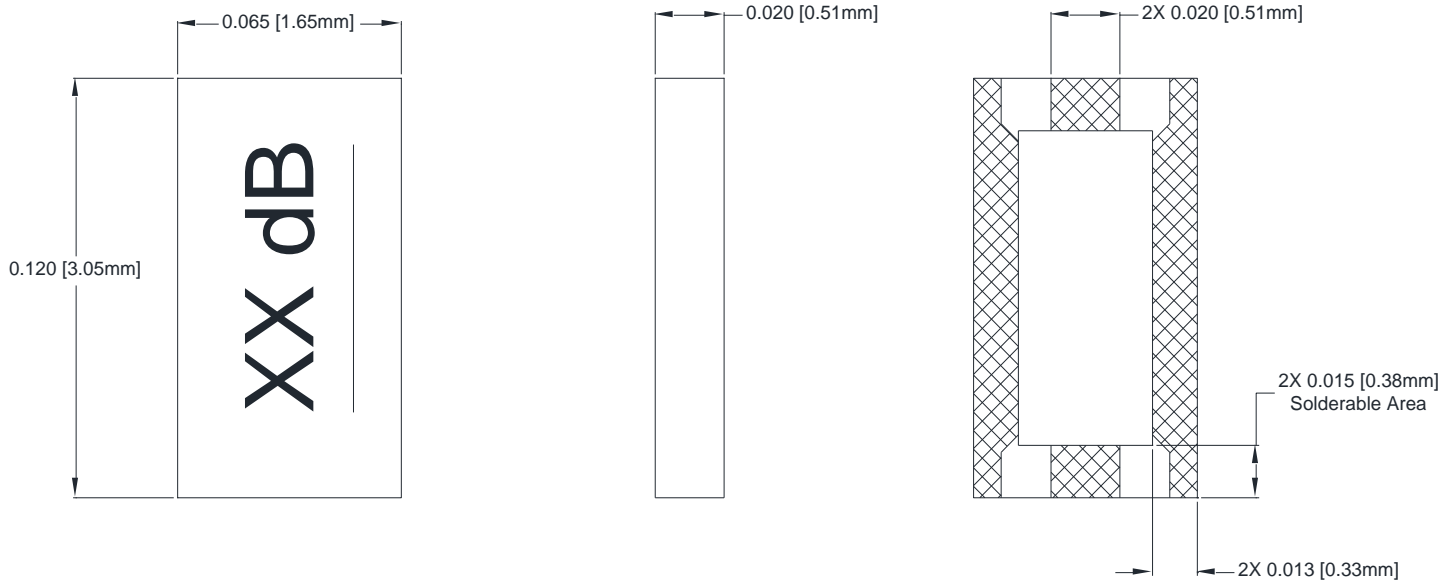
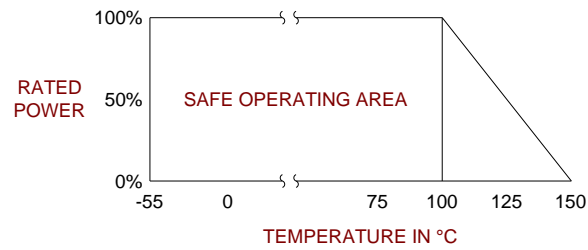
Data Retention – Standard.

5. PACKAGING:

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

6. MECHANICAL:

| | |
|---------------------|-------------------------------------------|
| Substrate Material: | Alumina |
| Resistive Film: | Thin Film |
| Terminal Material: | Thick film, Nickel Barrier, Silver Plated |
| Metric Dimensions: | Provided for reference only. |



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.005

Note: Specifications are subject to change.