

ORDERING INFORMATION

PART IDENTIFIER:

KFAXX.00-X

Frequency Range 5=16 – 36 GHz

Attenuation Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	16 - 36 GHz
Attenuation Values Available:	0 - 10 dB
Attenuation Accuracy:	± 0.75 dB
Input Power CW:	200 mW Max
Power Dissipation:	200 mW @ 100°C, derated linearly to zero watt @ 150°C.
VSWR:	1.35:1 Typical

2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C

3. MARKING:

Unit Marking:	dB value.
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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.

Measure DCR according to Table 2.

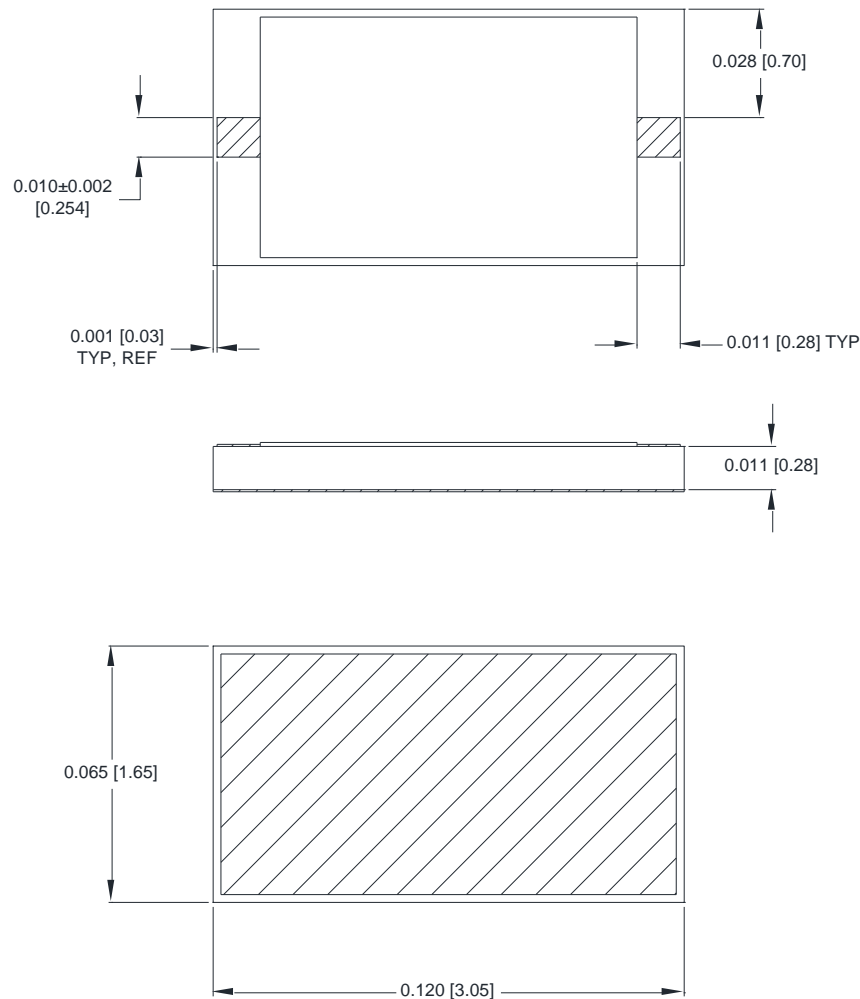
dB value	DCR (ohms)	Tolerance
0.0	Continuity only	
1.0	10.35	10.0%
2.0	21.15	10.0%
3.0	32.40	10.0%
4.0	43.00	8.0%
5.0	55.00	8.0%
6.0	66.00	8.0%
7.0	59.00	5.0%
8.0	70.00	5.0%
9.0	80.00	5.0%
10.0	93.00	5.0%

5. PACKAGING:

Standard Packaging:	Waffle packing.
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6. MECHANICAL:

Substrate Material:	Alumina.
Resistive Film:	Thick Film.
Terminal Material:	Thick film, bondable gold.
Protective Coating:	Epoxy based.
Ground Plane:	Thick film.
Metric Dimensions:	Provided for reference only.



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

Note: Specifications are subject to change.