

ORDERING INFORMATION

PART IDENTIFIER:

HPCA54XX.00W1

dB Value



SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω
Frequency Range:	DC – 2.5 GHz
Attenuation Values Available:	1 - 20 dB in 1 dB increments
Attenuation Accuracy:	1 - 10 dB ± 0.5 dB 20 dB ± 1.0 dB
Input Power CW:	20 Watts full rated power to 125°C, derated linearly to 0 Watts at 150°C
Peak Power:	50 Watts for 10 μ s pulse width @ 1% duty cycle.
VSWR:	DC - 1 GHz 1.15:1 1.1 – 2.5 GHz 1.35:1

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.

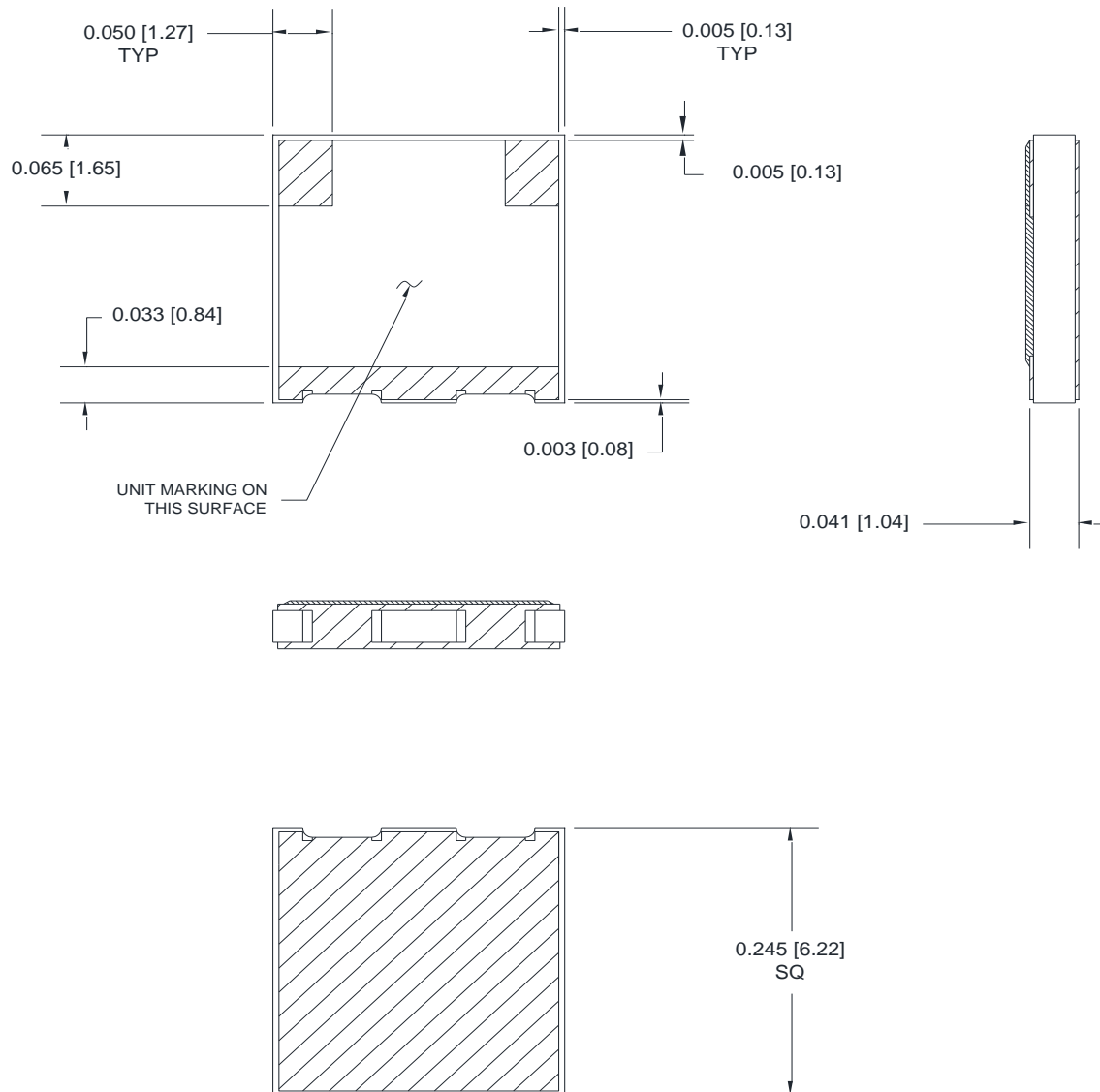
Data Retention – Standard.

5. PACKAGING:

Standard Packaging:	Tape and Reel
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6. MECHANICAL:

Substrate Material: Beryllia
 Resistive Film: Thick film
 Terminal Material: Thick film, Nickel Barrier, Solder Plated
 Metric Dimensions: Provided for reference only.
 Workmanship: Per MIL-R-55342



Unless Otherwise Specified:

TOLERANCE: X.XXX = ± 0.005