

ATTENUATOR HIGH RELIABILITY CHIP 200 MILLIWATTS

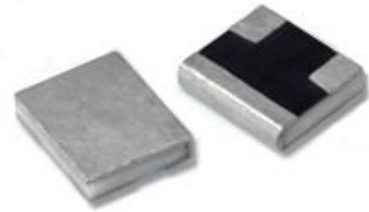
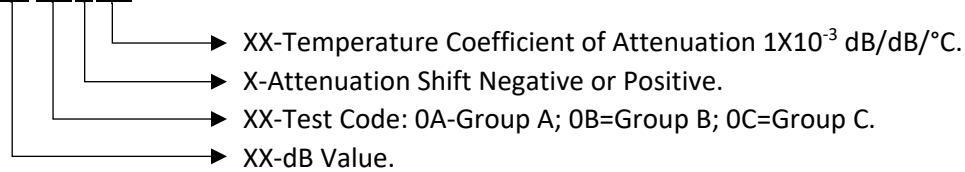
DATASHEET PART SERIES: HRMXXXXXXXXW1

Sheet 1 of 2
Doc# HRMXXXXXXXXW1-1009815ECO-084379
Revision E

ORDERING INFORMATION

Part Identifier:

HRMXX XXXXXW1



SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 Ω .
Frequency Range:	DC – 12.4 GHz.
Attenuation Values Available:	0-10 dB in 1 dB increments.
Attenuation Accuracy @ 25°C:	± 0.5 dB @ 1GHz.
VSWR:	1.30:1 Max @ 1GHz.
Input Power	200 Milliwatts Full Rated Power To 125°C, Derated Linearly to 0 Watts at 150°C.
Temperature Coefficient of	-0.003, -0.004, -0.005, -0.006, -0.007, and -0.009 dB/dB/°C.
Temperature Coefficient Tolerance:	± 0.001 dB/dB/°C.

2.0 ENVIRONMENTAL

Operating Temperature:	-55°C to +150°C.
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3.0 MARKING

Unit Marking:	None.
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4.0 QUALITY ASSURANCE

Verify 100% Visual Pre-Cap Inspection Performed Per TP-8965.

Perform Group A, B and/or C testing as indicated by the part number per TP-8965.

Test Data requirements:

Test data required for customer see TP-8965.

Data retention – 24 months.

Test samples required for customer see TP-8965.

5.0 PACKAGING

Standard Packaging:	Serialized Waffle Pack.
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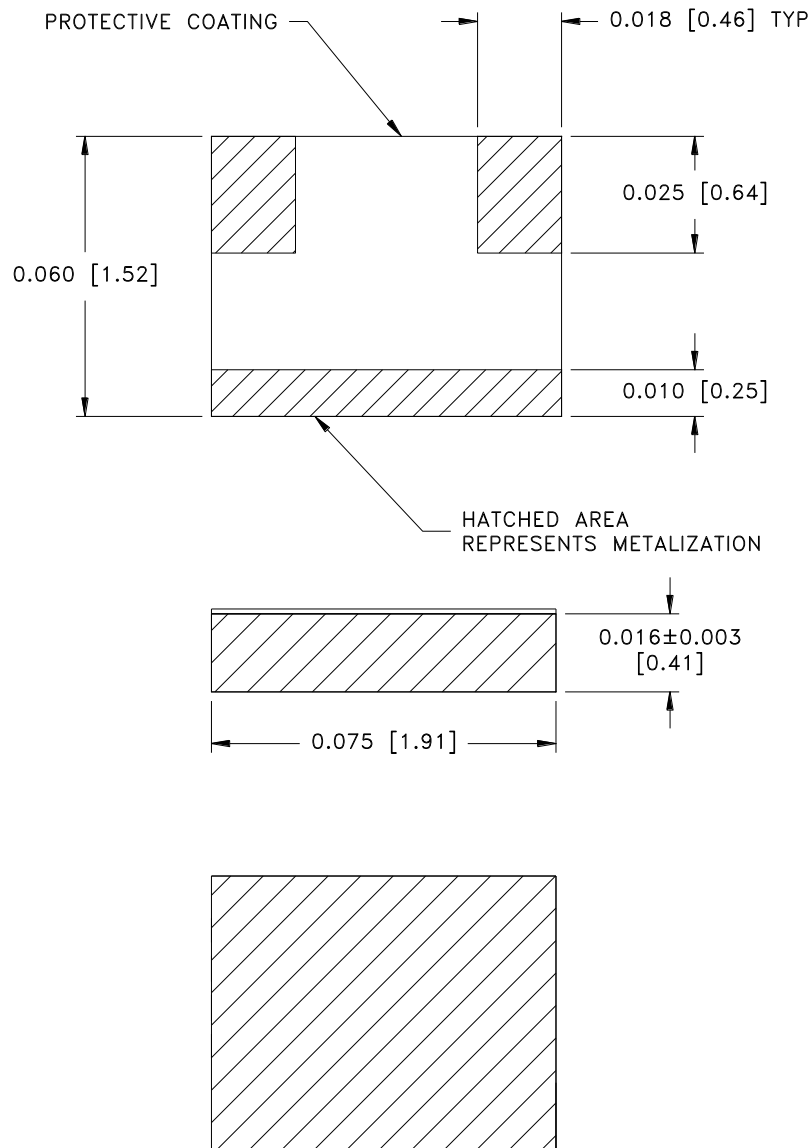
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Sheet 2 of 2
Doc# HRMXXXXXXXXW1-1009815ECO-084379
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6.0 MECHANICAL

Substrate Material: Alumina 96%.
 Resistive Film: Thick Film.
 Terminal Material: Thick Film, Nickel Barrier, Solder Plated.
 Metric Dimensions: Provided for reference only.
 Workmanship: PER MIL-STD-130.



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