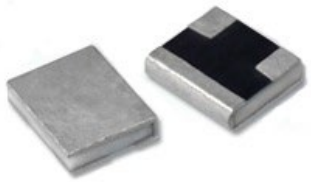


ORDERING INFORMATION

PART IDENTIFIER:

HRM XX XX X XX W1 S

- HRM: Series
- XX: dB Value
- XX: Test Code: 0A=Group A; 0B=Group B; 0C=Group C
- X: Attenuation Shift N=Negative or P=Positive.
- XX: Temperature Coefficient of Attenuation 1 X 10^{-3} dB/dB/°C.
- W1=Single Wrap.
- S=Pretinning.

SPECIFICATION

1.0 ELECTRICAL

Nominal Impedance: 50 Ω.

Frequency Range: DC – 12.4 GHz.

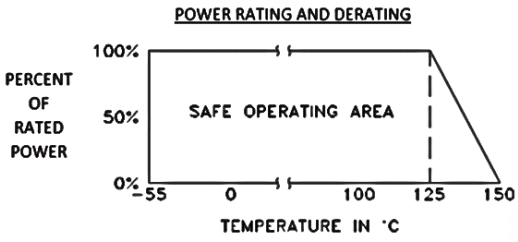
Attenuation Values Available: See Table Below.

	DC – 12.4 GHz							
	Temperature Coefficient of Attenuation (dB/dB/°C) "Shift"							
dB Value	-0.001	-0.002	-0.003	-0.004	-0.005	-0.006	-0.007	-0.009
1dB			X	X	X	X	X	X
2dB			X	X	X	X	X	X
3dB		X	X	X	X	X	X	X
4dB			X	X	X	X	X	X
5dB			X	X	X	X	X	X
6dB			X	X	X	X	X	X
7dB			X		X		X	X
8dB			X		X		X	X
9dB			X					X
10dB	X							

Attenuation Accuracy @ 25°C: ± 0.5 dB @ 1 GHz.

VSWR: 1.30:1 Max @ 1 GHz.

Input Power: 200 Milliwatts Full Rated Power To 125°C, Derated Linearly to 0 Watts at 150°C.



Temperature Coefficient of Attenuation: See Table Above.

Temperature Coefficient Tolerance: ± 0.001 dB/dB/°C.

2.0 ENVIRONMENTAL

Operating Temperature: -55˚C to +150˚C.

3.0 MARKING

Unit Marking: None.

AMERICAS
Sales: Focom.uscsr@smithsinterconnect.com
Technical Support: Focom.techsupport@smithsinterconncet.com

EUROPE
Sales: Focom.emeacsr@smithsinterconnect.com
Technical Support: Focom.techsupport@smithsinterconncet.com

ASIA
Sales: Focom.asiacsr@smithsinterconnect.com
Technical Support: Focom.techsupport@smithsinterconncet.com

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.

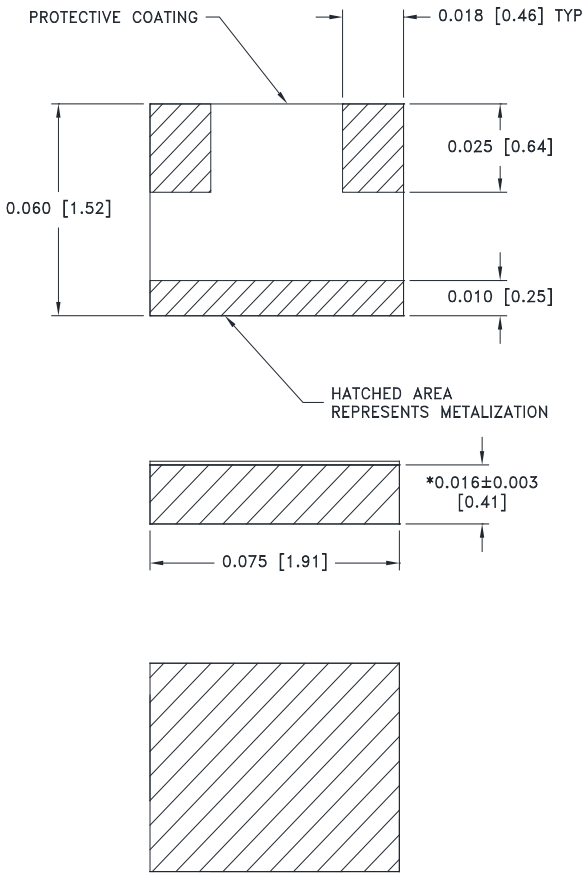
Test samples required for customer see TP-8965.

5.0 PACKAGING

Standard Packaging:	Serialized Waffle Pack.

6.0 MECHANICAL

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



* DIMENSIONS APPLY BEFORE SOLDER. ALLOW 0.015 MAX FOR ALL PRETINNED SURFACES.

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

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