

ATTENUATOR HIGH RELIABILITY CHIP 200 MILLIWATTS

DATASHEET PART SERIES: HRMXXXXXXXXW1S

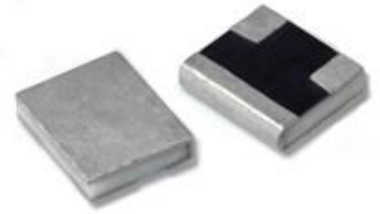
Sheet 1 of 2
Doc# HRMXXXXXXXXW1S-1009825ECO-084379
Revision E

ORDERING INFORMATION

PART IDENTIFIER:

HRMXXXXXXXXW1S

- XX-Temperature Coefficient of Attenuation 1X10-3 dB/dB/°C.
- X-Attenuation Shift Negative or Positive.
- XX-Test Code: 0A-Group A; 0B-Group B; 0C=Group C.
- XX-dB Value.



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 @ 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: | -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. |
|------------------------|------------------|

3.0 MARKING

| | |
|---------------|-------|
| Unit Marking: | None. |
|---------------|-------|

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. |
|---------------------|-------------------------|

ATTENUATOR HIGH RELIABILITY CHIP 200 MILLIWATTS

DATASHEET PART SERIES: HRMXXXXXXXXW1S

Sheet 2 of 2

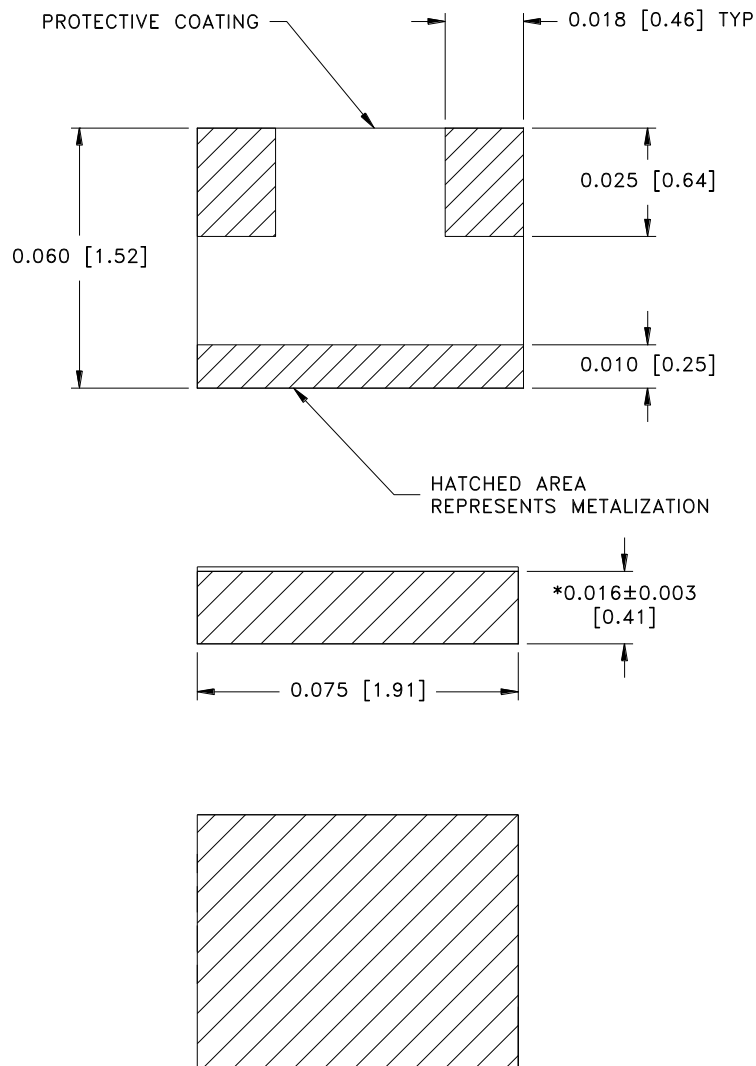
ECO-084379

Doc# HRMXXXXXXXXW1S-1009825

Revision E

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 .