

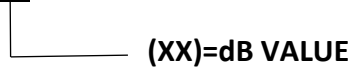
HIGH POWER ATTENUATOR

DATASHEET PART SERIES: TS02XXW3S

Sheet 1 of 2
Doc# TS02XXW3S-1011095ECO-084063
Revision B

ORDERING INFORMATION

PART IDENTIFIER: TS02XXW3S

 (XX)=dB VALUE

Engineering Notes:

Assembly DWG: 1901864

SPECIFICATIONS

1. ELECTRICAL:

Nominal Impedance:	50 Ω .
Frequency Range:	DC – 2.5 GHz.
Attenuation Values Available:	0 - 10 dB and 20 dB.
Attenuation Accuracy @ 960 MHz:	0 – 10 dB, ± 0.5 dB and 20 dB ± 1.0 dB @ 2.5 GHz, +0, -1.0 dB.
Input Power CW:	4 Watts.
	Full Rated Power to 100°C, Derated Linearly to 0 Watts at 150°C.
VSWR:	1.15 Max @ 960MHz; 1.50 Max @ 2.5 GHz.

2. ENVIRONMENTAL:

Operating Temperature:	-55°C to +150°C.
Storage Temperature:	-65°C to +150°C.

3. MARKING:

Unit Marking:	dB Value. Legibility and Permanency per MIL-STD-130.
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4. QUALITY ASSURANCE:

Sample Inspect Per ANSI/ASQC Z1.4, General Inspection, Level II, AQL=1.0.

Visual and Mechanical Examination for Conformance to Outline Drawing Requirements.

Perform Inspection in Accordance with 824W170 and 824F036 for Commercial Grade Product.

Data Requirements:

No Test Data Required for Customer.

Data Retention – Standard.

5. PACKAGING:

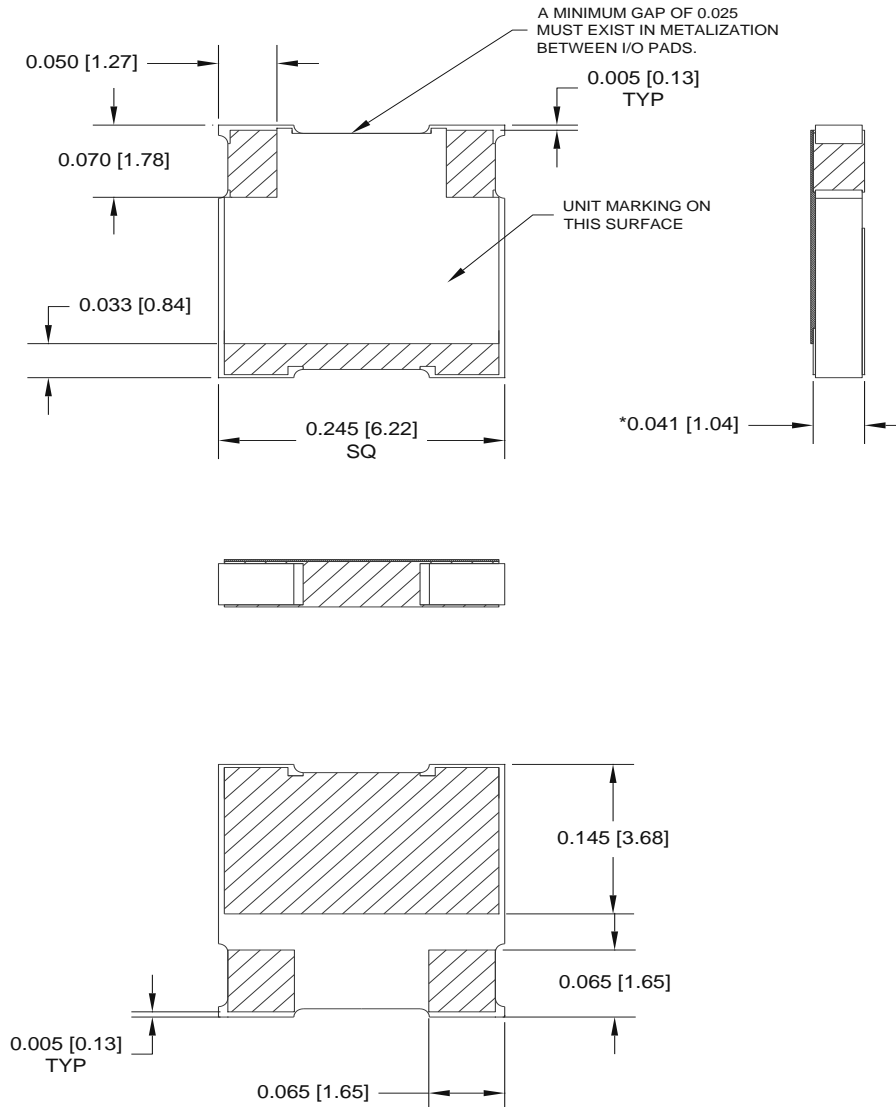
Packaging:	Standard Pack per 755W002.
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6. MECHANICAL:

Substrate Material:	Alumina, 96%, MIL-I-10.
Resistive Material:	Thick Film.
Terminal Material:	Thick film, Nickel Barrier, Solder Coated.
Workmanship:	Per MIL-STD-454, Requirement 9, and MIL-R-55342.
Outline Drawing:	See Sheet 2.
Metric Dimensions [mm]:	Provided for reference only.
* Dimensions apply before solder. Allow 0.015 Max for all Pre-Tinned surfaces.	

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Unless Otherwise Specified Dimensions are in Inches: Tolerance X.XXX = ± 0.005 .