


ORDERING INFORMATION**PART IDENTIFIER: 54XX**

(XX)=dB VALUE (01 – 20 dB)
ENGINEERING NOTES: Assembly DWG: 1700324**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 GHz:	1 – 10 dB, ± 0.5 dB 11 – 20 dB, ± 1.0 dB
Power Dissipation (Max @ 100°C):	Average: 20 Watts Peak: 200 Watts for 10 μ S Pulse Width @ 1% Duty Cycle
VSWR:	DC – 1 GHz 1.15 Max 1.1 – 2.5 GHz 1.35 Max

2. ENVIRONMENTAL:

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

Unit Marking:	Logo and Part Identifier; 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 MIL-PRF-55342 and control drawing requirements.

Inspection in accordance with 824W1780 and 824F036 for commercial grade product.

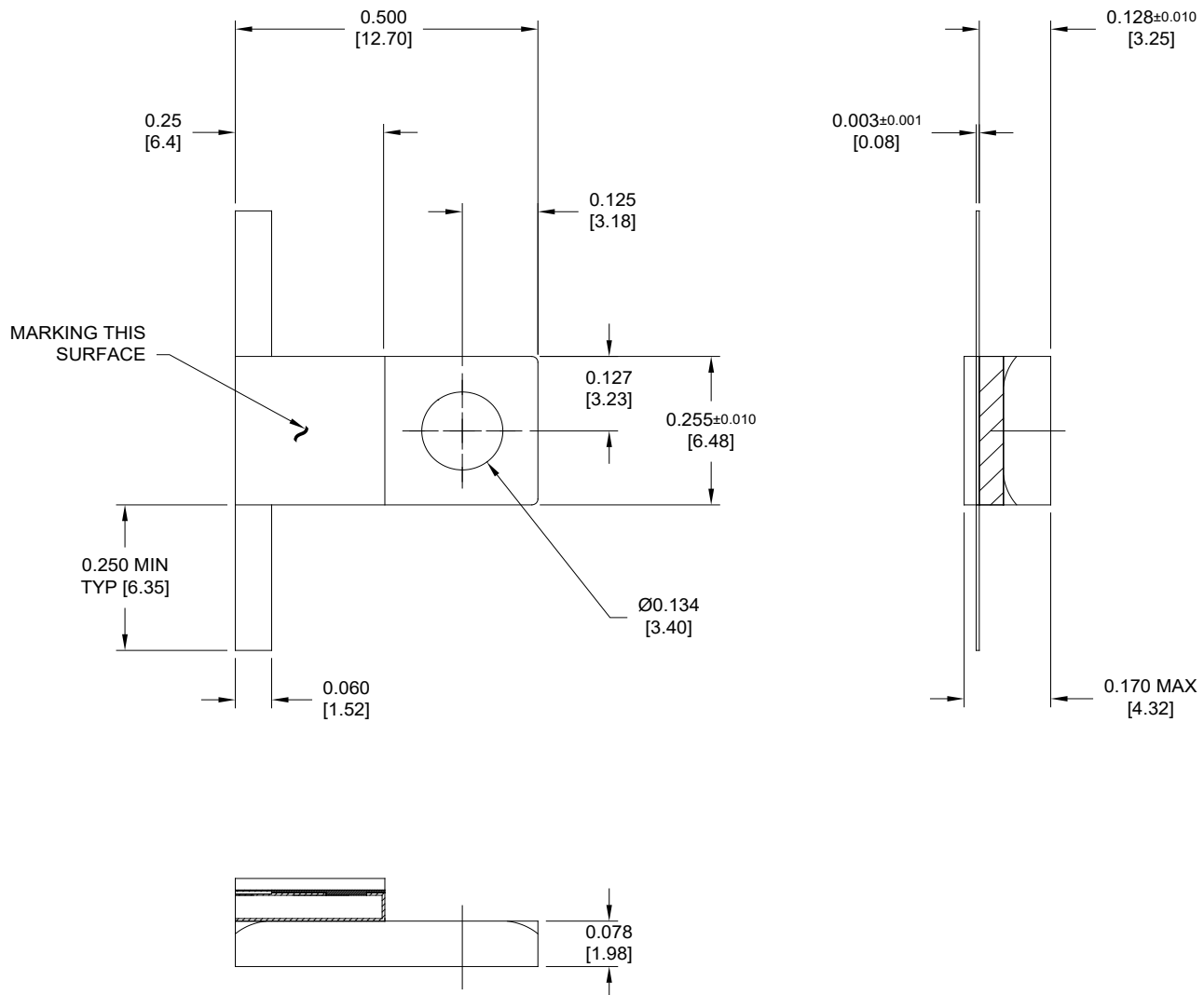
Data Requirements:
No test data required for customer.
Data Retention: 24 months.

5. PACKAGING:

Standard Pack per 755W002.

6. MECHANICAL:

Chip Material:	Beryllia, ASTM F356.
Top Plate Material:	Alumina, MIL- I -10.
Tab Material:	Brass, ASTM B36.
Tab Finish:	Gold, MIL-G-45204, Type II, Class 1.
Heat Sink Material:	Copper, ASTM B187.
Heat Sink Finish:	Nickel, QQ-N-290.
Metric Dimensions [mm]:	Provide for reference information only.
Allow ± 0.010 on Top Plate for misalignment.	



Unless Otherwise Specified Dimensions are in Inches: Tolerance X.XX = ± 0.01 X.XXX = ± 0.005