

TMT-4-0502

Temperature Compensated Amplifier 0.5 GHz - 4 GHz

This Amplifier offers exceptional performance over the band 0.5 GHz to 4 GHz with 18 dBm P1dB output power and 17 dB Gain.

Teledyne Microwave amplifiers are balanced or feedback designs and manufactured with the latest MIC & MMIC technology. The GaAs FET's used in these amplifiers are well established proven devices from multiple sources.

Teledyne Microwave offers a complete line of Narrow and broadband Amplifiers covering the frequency range 500 MHz to 40 GHz. These products are available in either connectorized packages or as modules. For a complete list of these products and more, please visit our website.

Other products from Teledyne Microwave include: Transceivers, Synthesizers, and YIG Products



Specifications:

Model Number: TMT-4-0502

Frequency Range: 0.5 GHz - 4 GHz

Gain (min): 17 dB

Gain Vs Temp at any Frequency: +/-1 dB

Noise Figure (max): 4 dB

Output Power @ 1dB Compression: 18 dBm

Gain Flatness Vs Frequency: +/-1.0 dB

3rd Order Intercept (Typ): 27 dBm

Power Supply:

Input Voltage: 11.5 to 15 VDC

Current @ 12 VDC (typ): 140 mA

Current @ 12 VDC (max): 155 mA

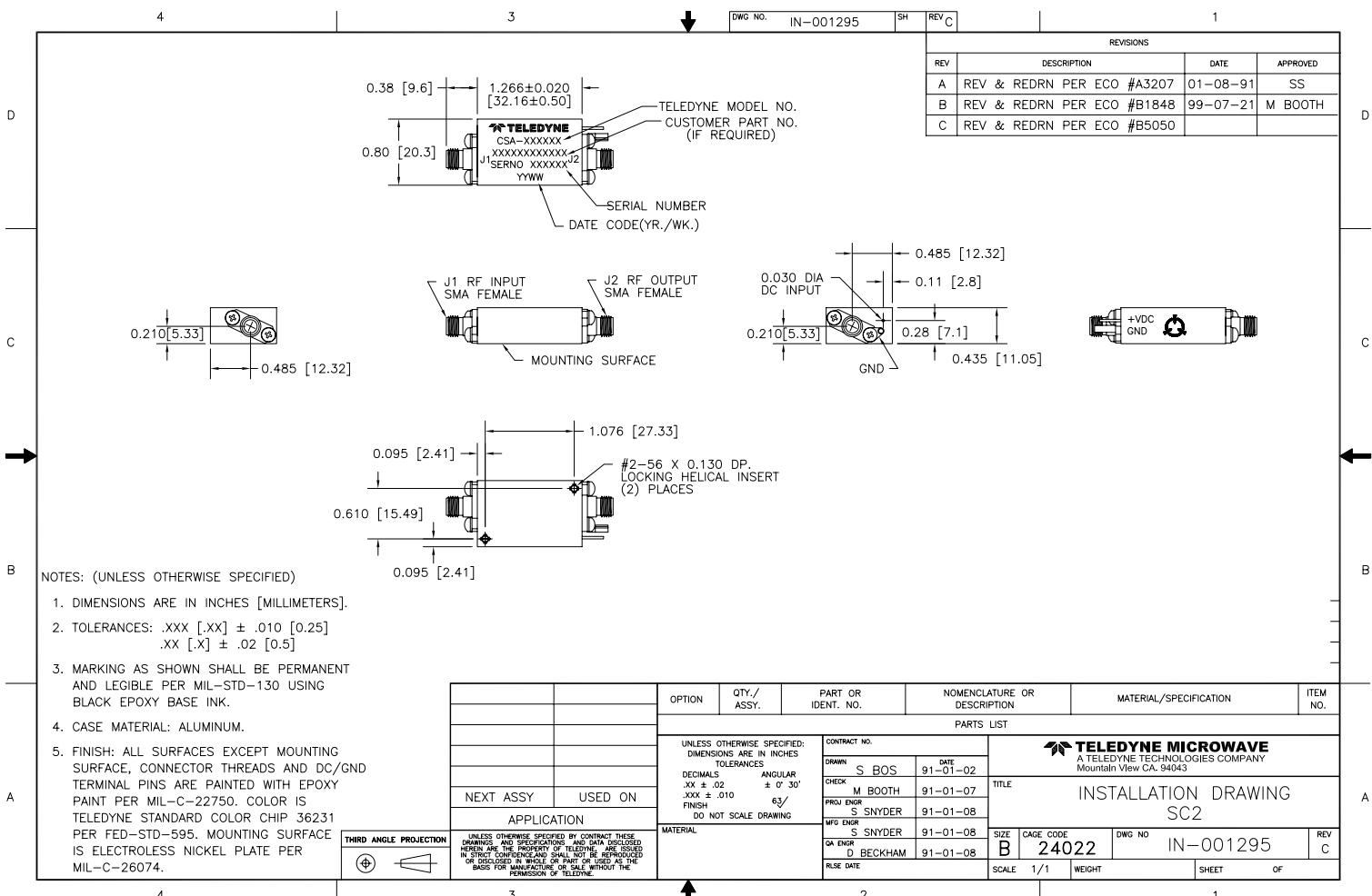
Case Type (See attached Outline): SC2

Temperature Range: -54 to +90C

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ISO 9001:2000