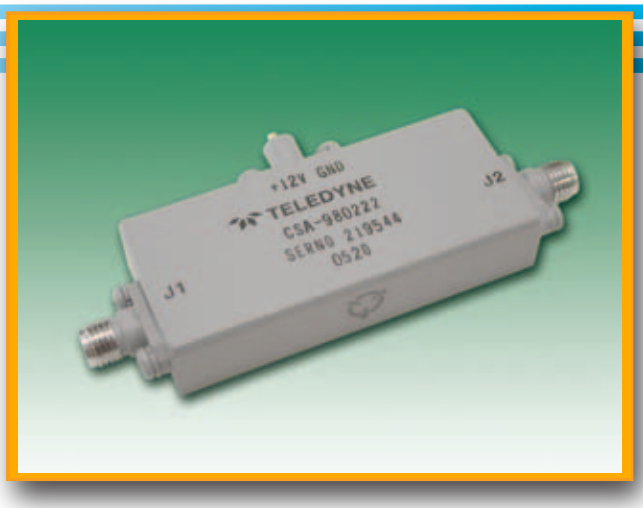
CMT-4-2002

Temperature Compensated Amplifier
2 GHz - 4 GHz



This Amplifier offers exceptional performance over the band 2 GHz to 4 GHz with 18 dBm P1dB output power and 20 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: CMT-4-2002
Frequency Range: 2 GHz - 4 GHz
Gain (min): 20 dB
Gain Vs Temp at any Frequency: +/-0.75 dB
Noise Figure (max): 5.5 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): 180 mA
- Current @ 12 VDC (max): 210 mA

Case Type (See attached Outline): SC4
Temperature Range: -54 to +90C

TELEDYNE MICROWAVE

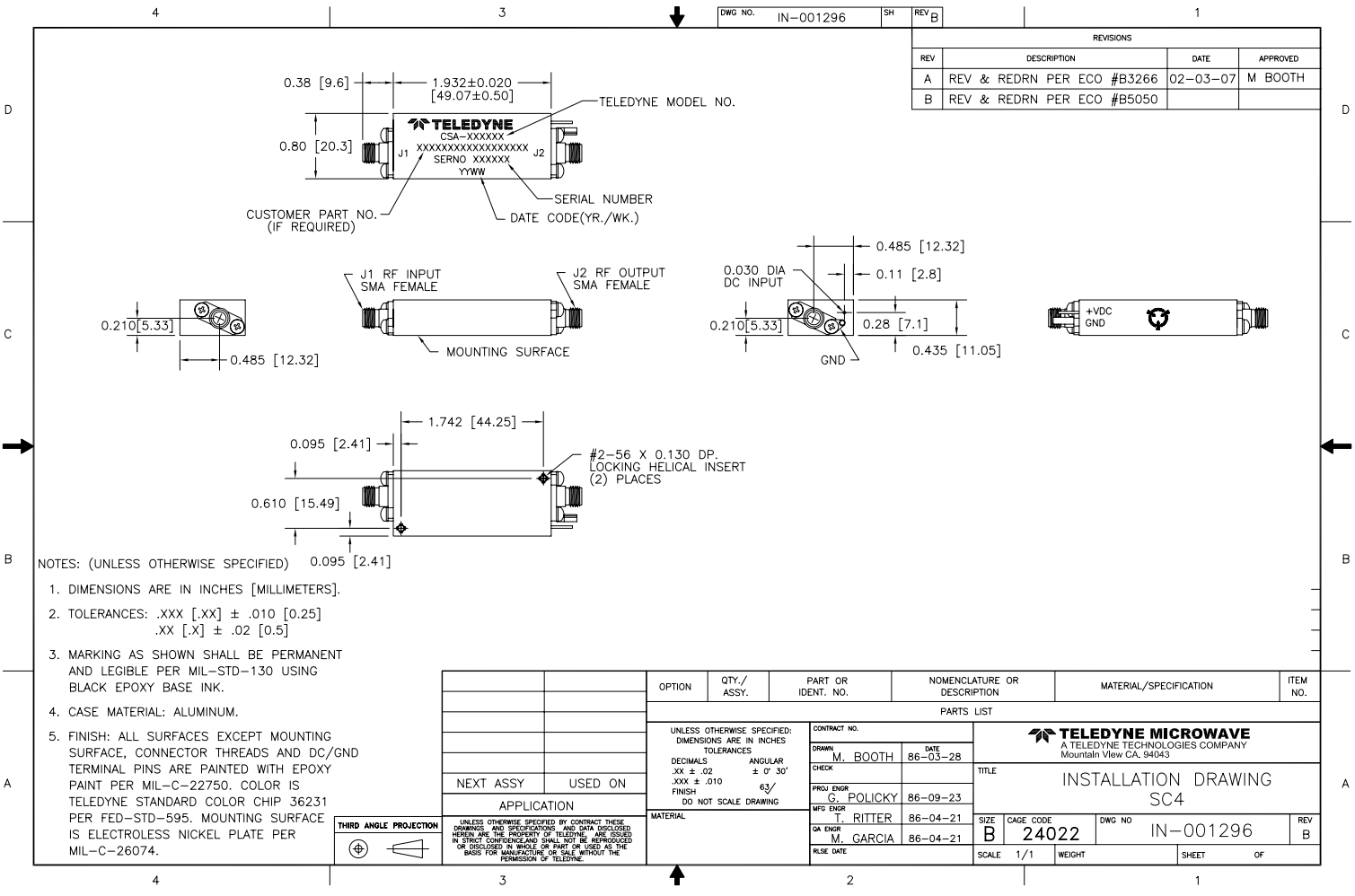
ISO 9001:2000

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All Specifications are subject to change. Please contact Teledyne Microwave for the latest information on this product

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