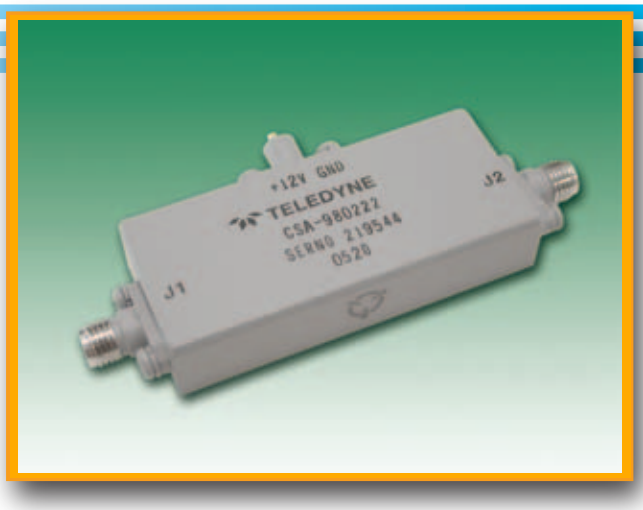
CPA-4-2004

Amplifier
2 GHz - 4 GHz



This Amplifier offers exceptional performance over the band 2 GHz to 4 GHz with 23 dBm P1dB output power and 41 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: CPA-4-2004
Frequency Range: 2 GHz - 4 GHz
Gain (min): 41 dB
Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated
Noise Figure (max): 4.5 dB
Output Power @ 1dB Compression: 23 dBm
Gain Flatness Vs Frequency: +/-1.5 dB
3rd Order Intercept (Typ): 32 dBm
Power Supply:
- Input Voltage: 11.5 to 15 VDC
- Current @ 12 VDC (typ): 380 mA
- Current @ 12 VDC (max): 450 mA

Case Type (See attached Outline): SC6
Temperature Range: +25C

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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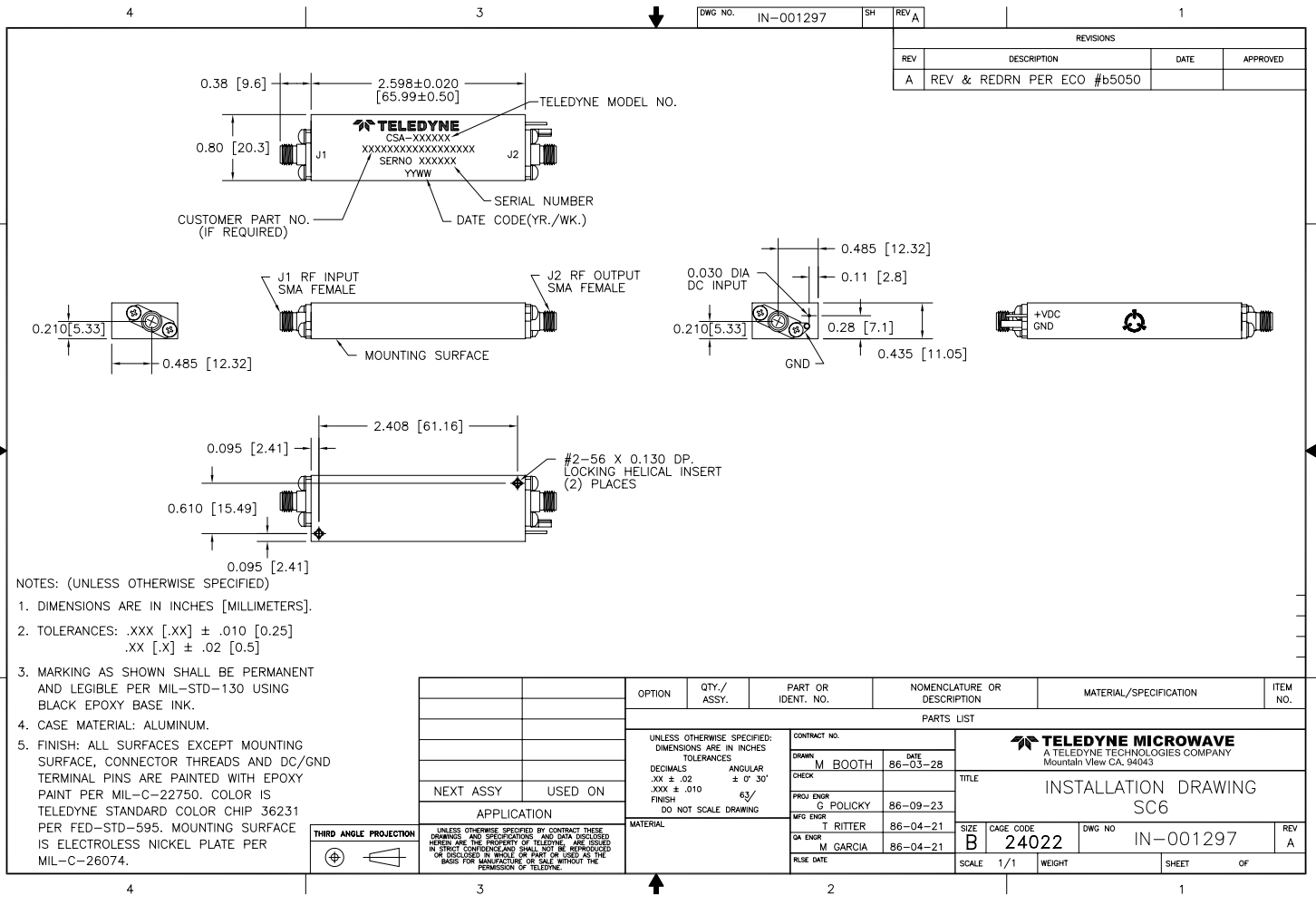

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