

CMA-40-1810

Power Amplifier

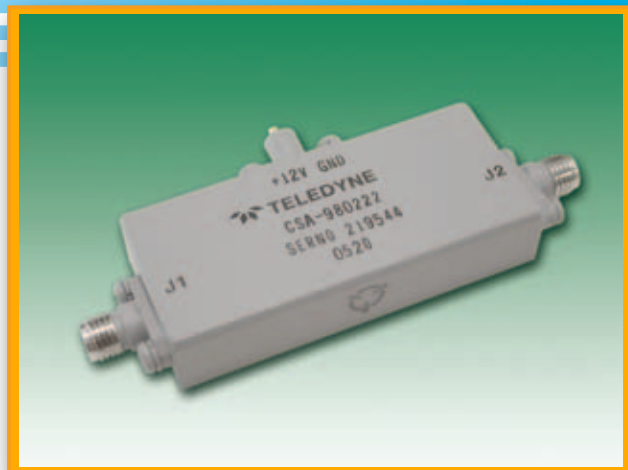
18 GHz - 40 GHz

This Power Amplifier offers exceptional performance over the band 18 GHz to 40 GHz with 13(5) dBm P1dB output power and 40 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: CMA-40-1810

Frequency Range: 18 GHz – 40 GHz

Gain (min): 40 dB

Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated

Noise Figure (max): 10 dB

Output Power @ 1dB Compression: 13(5) dBm

Gain Flatness Vs Frequency: +/-2.50 dB

3rd Order Intercept (Typ): 19 dBm

Power Supply:

Input Voltage: 11.5 to 15 VDC

Current @ 12 VDC (typ): 560 mA

Current @ 12 VDC (max): Contact Factory

Case Type (See attached Outline): SK10

Temperature Range: +25



ISO 9001:2000

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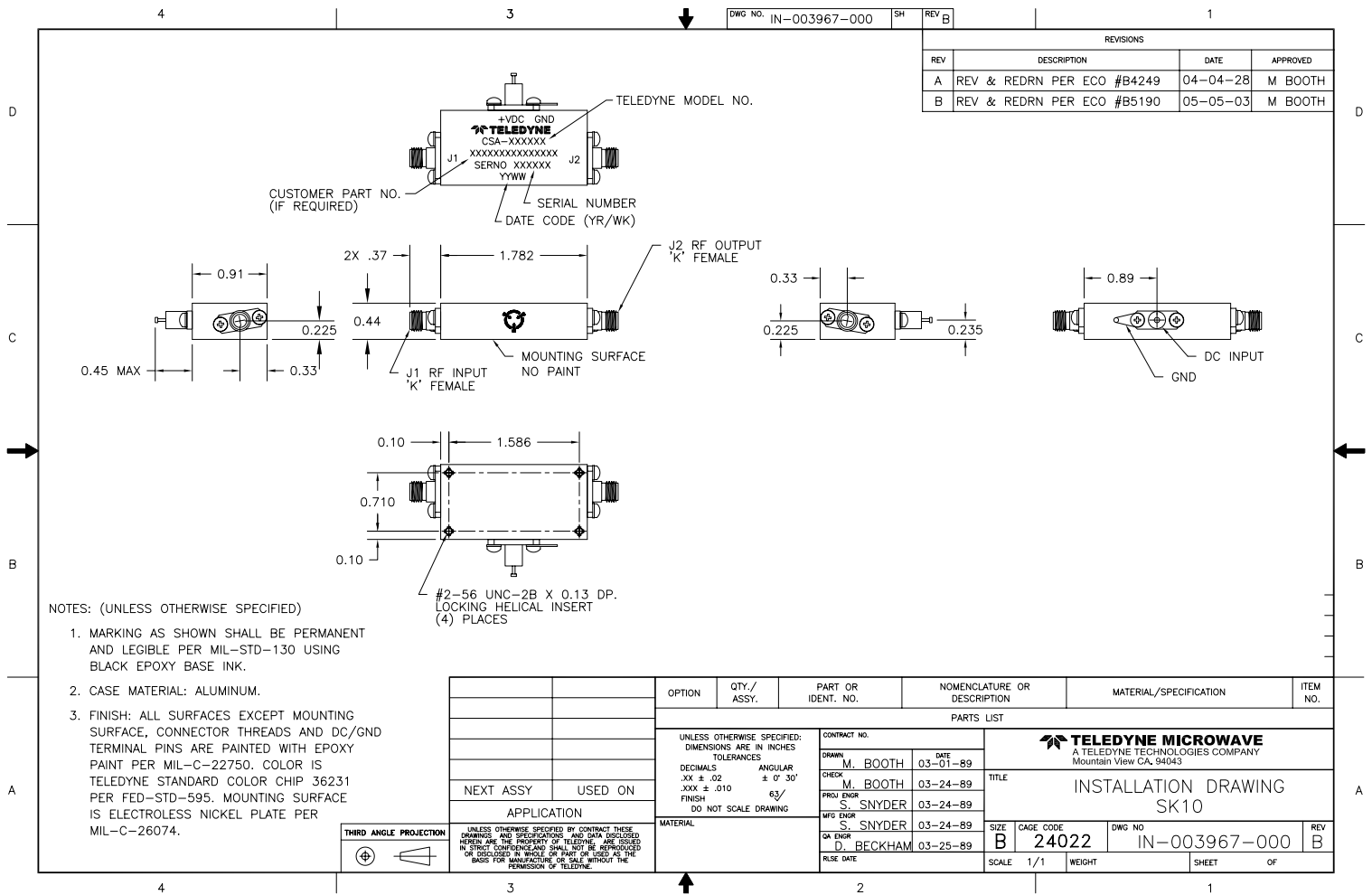
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