

CMT 40-1809

Temperature Compensated Amplifier

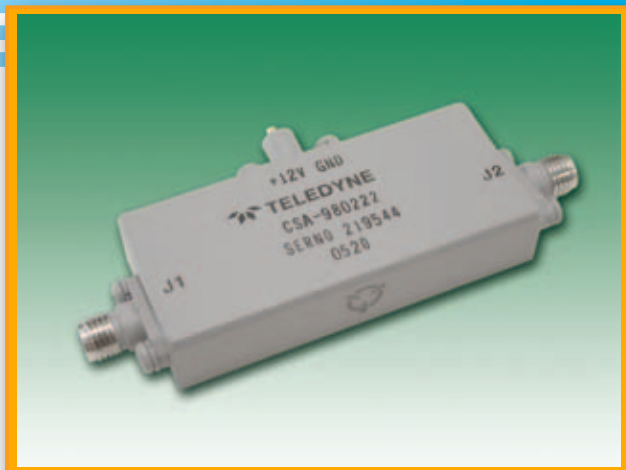
18 GHz - 40 GHz

This Amplifier offers exceptional performance over the band 18 GHz to 40 GHz with 12 dBm P1dB output power and 29 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 40-1809
Frequency Range: 18 GHz - 40 GHz
Gain (min): 29 dB
Gain Vs Temp at any Frequency: +/-3.00 dB
Noise Figure (max): 10 dB
Output Power @ 1dB Compression: 12 dBm
Gain Flatness Vs Frequency: +/-2.50 dB
3rd Order Intercept (Typ): 18 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 540 mA
 Current @ 12 VDC (max): Contact Factory
Case Type (See attached Outline): SK10
Temperature Range: -54 to +90C



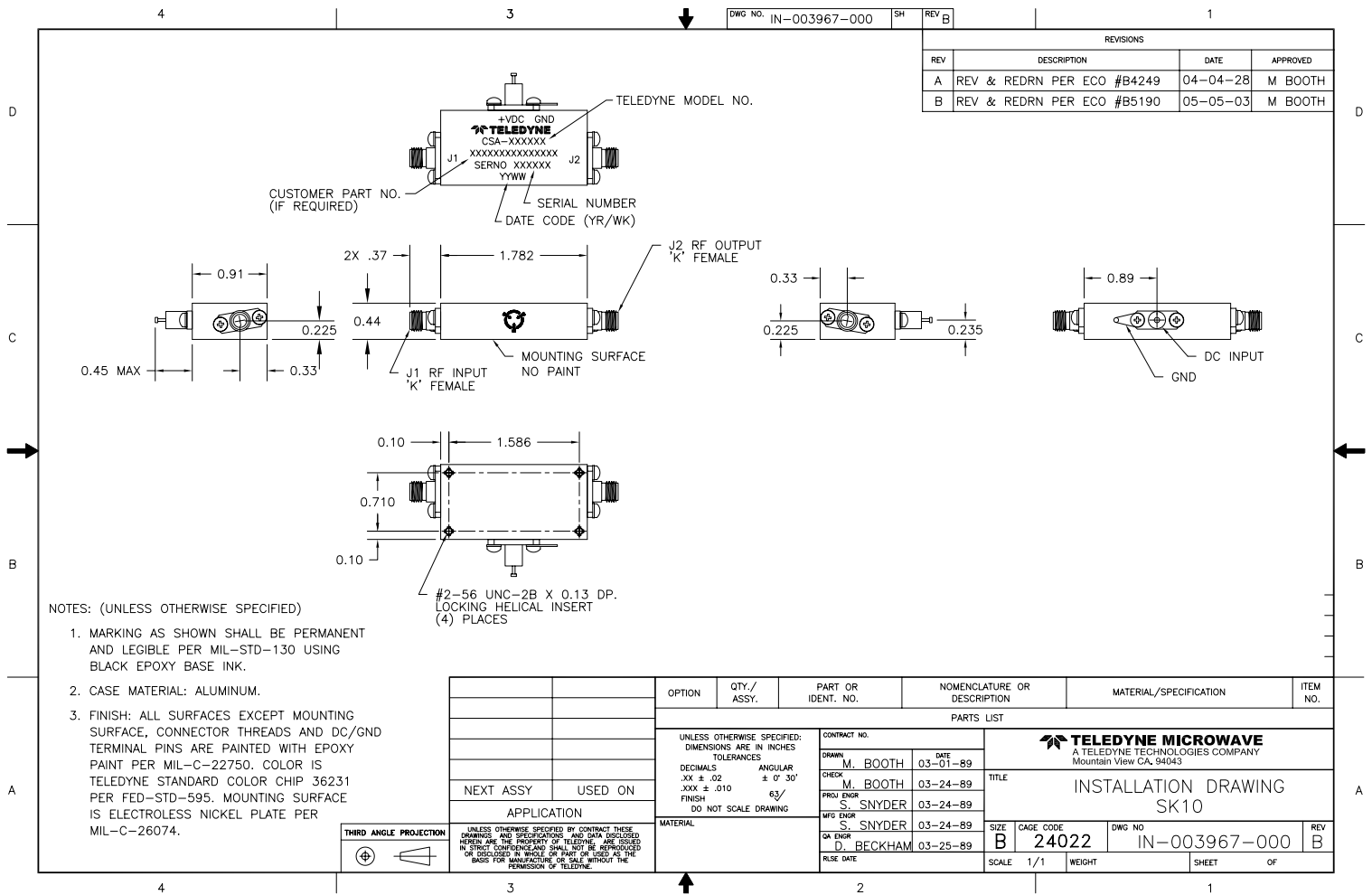
ISO 9001:2000

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