

**CMT 40-2609**

# Temperature Compensated Amplifier

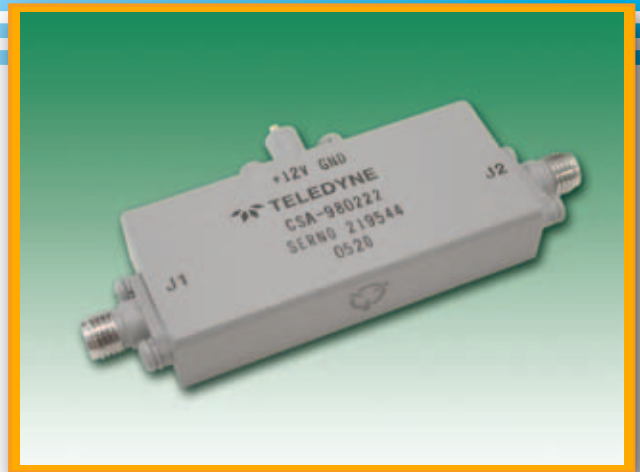
## 26 GHz - 40 GHz

This Amplifier offers exceptional performance over the band 26 GHz to 40 GHz with 12 dBm P1dB output power and 31 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



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### Specifications:

Model Number: CMT 40-2609  
Frequency Range: 26 GHz – 40 GHz  
Gain (min): 31 dB  
Gain Vs Temp at any Frequency:  $\pm 2.00$  dB  
Noise Figure (max): 10 dB  
Output Power @ 1dB Compression: 12 dBm  
Gain Flatness Vs Frequency:  $\pm 2.00$  dB  
3<sup>rd</sup> 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



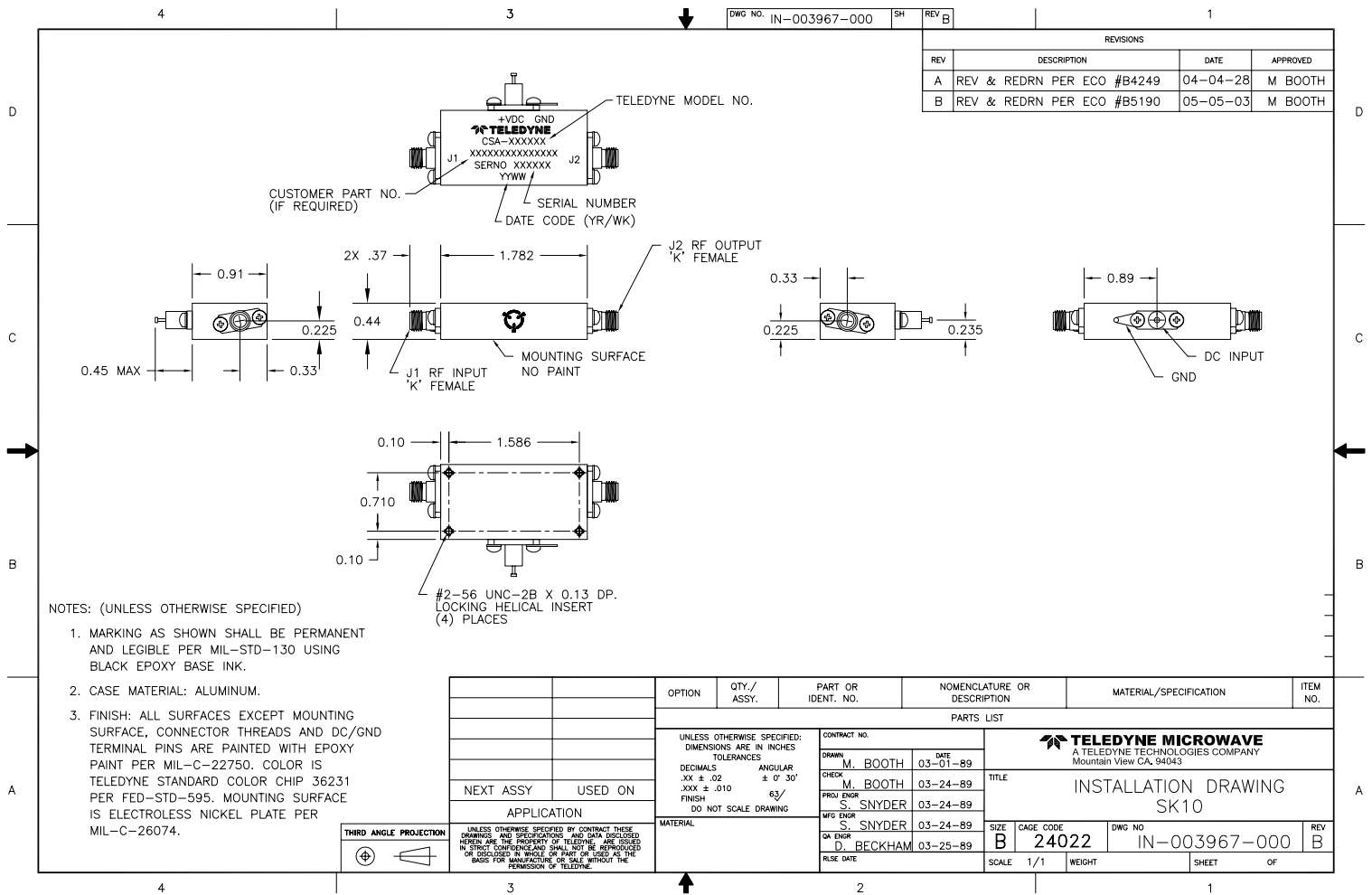
ISO 9001:2000

1274 Terra Bella Avenue, Mountain View, CA 94043 • PHN# 800.832.6869 or +1.650.962.6944 • FAX# 650.962.6845  
www.teledynemicrowave.com • microwave@teledyne.com

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