

CMT 40-2605

Temperature Compensated Amplifier

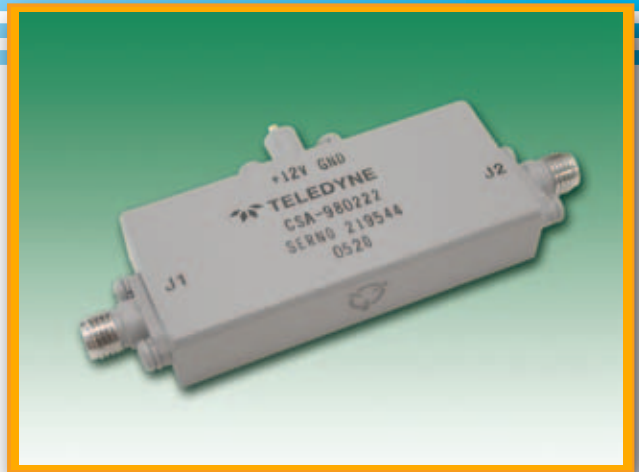
26 GHz - 40 GHz

This Amplifier offers exceptional performance over the band 26 GHz to 40 GHz with 11 dBm P1dB output power and 15 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 40-2605
Frequency Range: 26 GHz – 40 GHz
Gain (min): 15 dB
Gain Vs Temp at any Frequency: ± 1.00 dB
Noise Figure (max): 12 dB
Output Power @ 1dB Compression: 11 dBm
Gain Flatness Vs Frequency: ± 1.00 dB
3rd Order Intercept (Typ): 17 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 320 mA
 Current @ 12 VDC (max): Contact Factory
Case Type (See attached Outline): SK6
Temperature Range: -54 to +90C



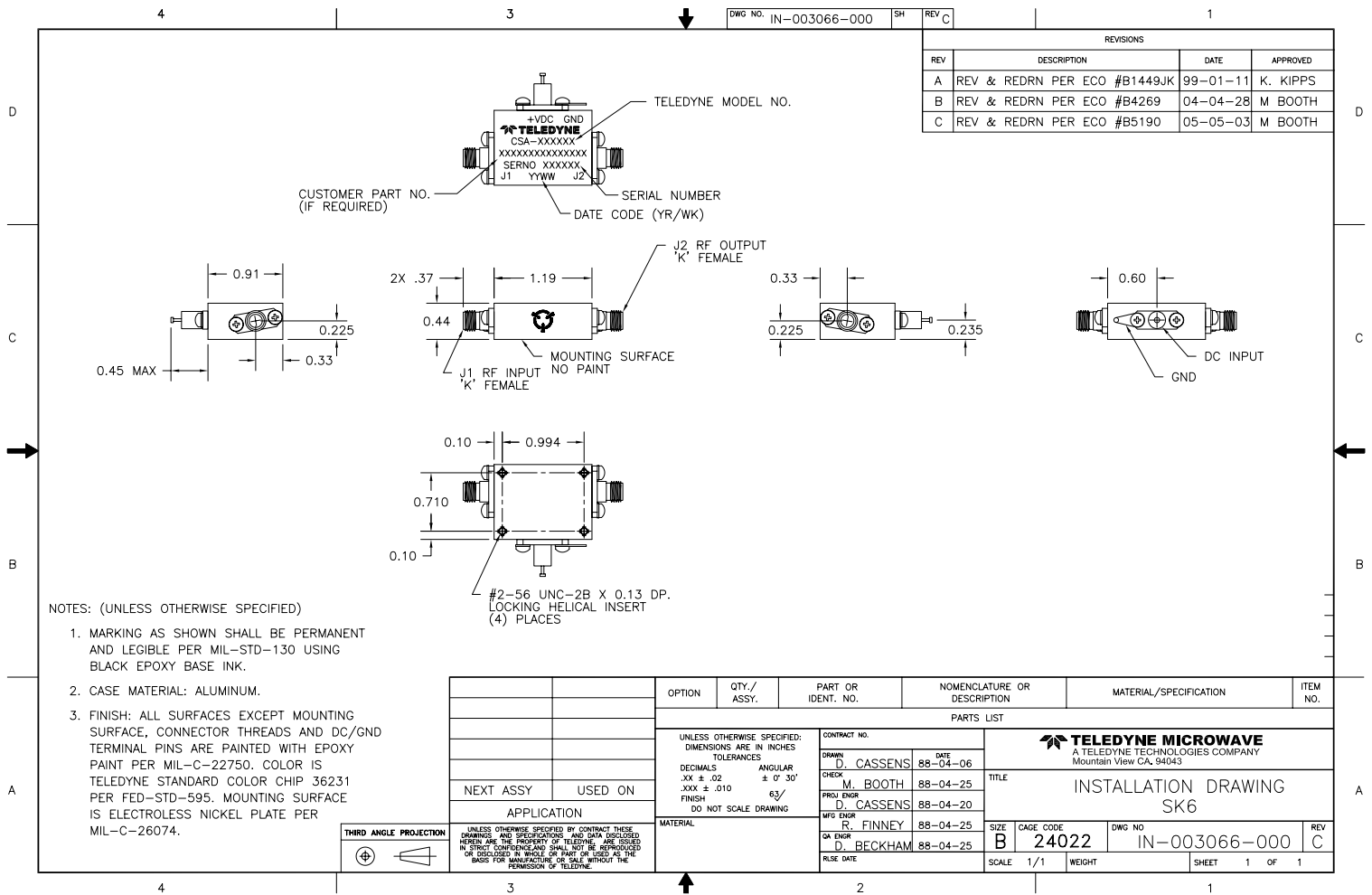
ISO 9001:2000

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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- NOTES: (UNLESS OTHERWISE SPECIFIED)
- MARKING AS SHOWN SHALL BE PERMANENT AND LEGIBLE PER MIL-STD-130 USING BLACK EPOXY BASE INK.
 - CASE MATERIAL: ALUMINUM.
 - FINISH: ALL SURFACES EXCEPT MOUNTING SURFACE, CONNECTOR THREADS AND DC/GND TERMINAL PINS ARE PAINTED WITH EPOXY PAINT PER MIL-C-22750. COLOR IS TELEDYNE STANDARD COLOR CHIP 36231 PER FED-STD-595. MOUNTING SURFACE IS ELECTROLESS NICKEL PLATE PER MIL-C-26074.