

CMT-8-2005

Temperature Compensated Amplifier

2 GHz - 8 GHz

This Amplifier offers exceptional performance over the band 2 GHz to 8 GHz with 18 dBm P1dB output power and 46 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-8-2005
Frequency Range: 2 GHz - 8 GHz
Gain (min): 46 dB
Gain Vs Temp at any Frequency: +/-1.50 dB
Noise Figure (max): 5.5 dB
Output Power @ 1dB Compression: 18 dBm
Gain Flatness Vs Frequency: +/-2.0 dB
3rd Order Intercept (Typ): 27 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 380 mA
 Current @ 12 VDC (max): 430 mA
Case Type (See attached Outline): SC6
Temperature Range: -54 to +90C



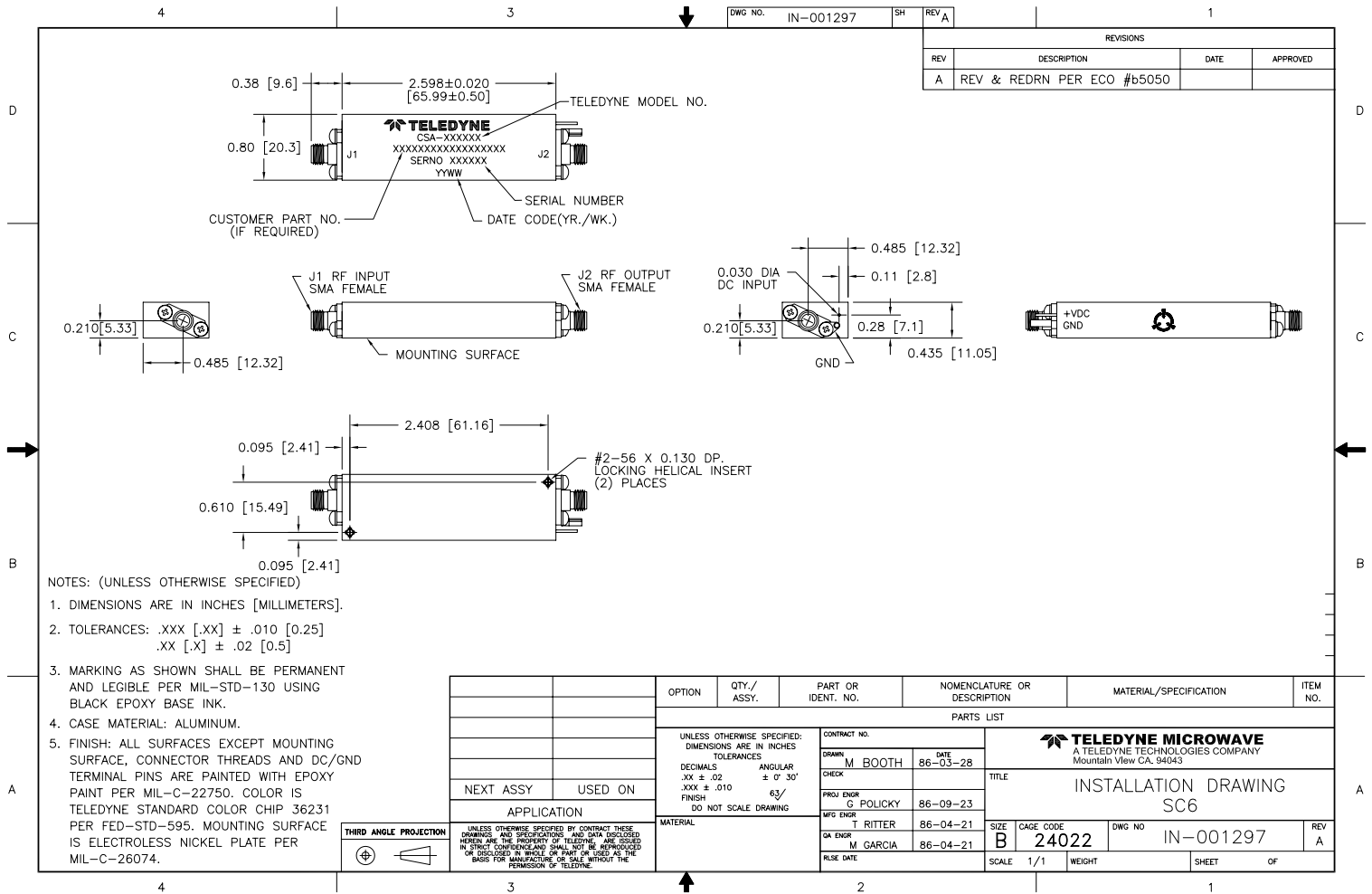
ISO 9001:2000

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

CMT-8-2005

Temperature Compensated Amplifier

2 GHz - 8 GHz



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