

CPT-18-6005

Temperature Compensated Amplifier

6 GHz - 18 GHz

This Amplifier offers exceptional performance over the band 6 GHz to 18 GHz with 20 dBm P1dB output power and 24 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: CPT-18-6005
Frequency Range: 6 GHz - 18 GHz
Gain (min): 24 dB
Gain Vs Temp at any Frequency: +/-1.5 dB
Noise Figure (max): 8.5 dB
Output Power @ 1dB Compression: 20 dBm
Gain Flatness Vs Frequency: +/-2 dB
3rd Order Intercept (Typ): 28 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 470 mA
 Current @ 12 VDC (max): 540 mA
Case Type (See attached Outline): SX6
Temperature Range: -54 to +90C



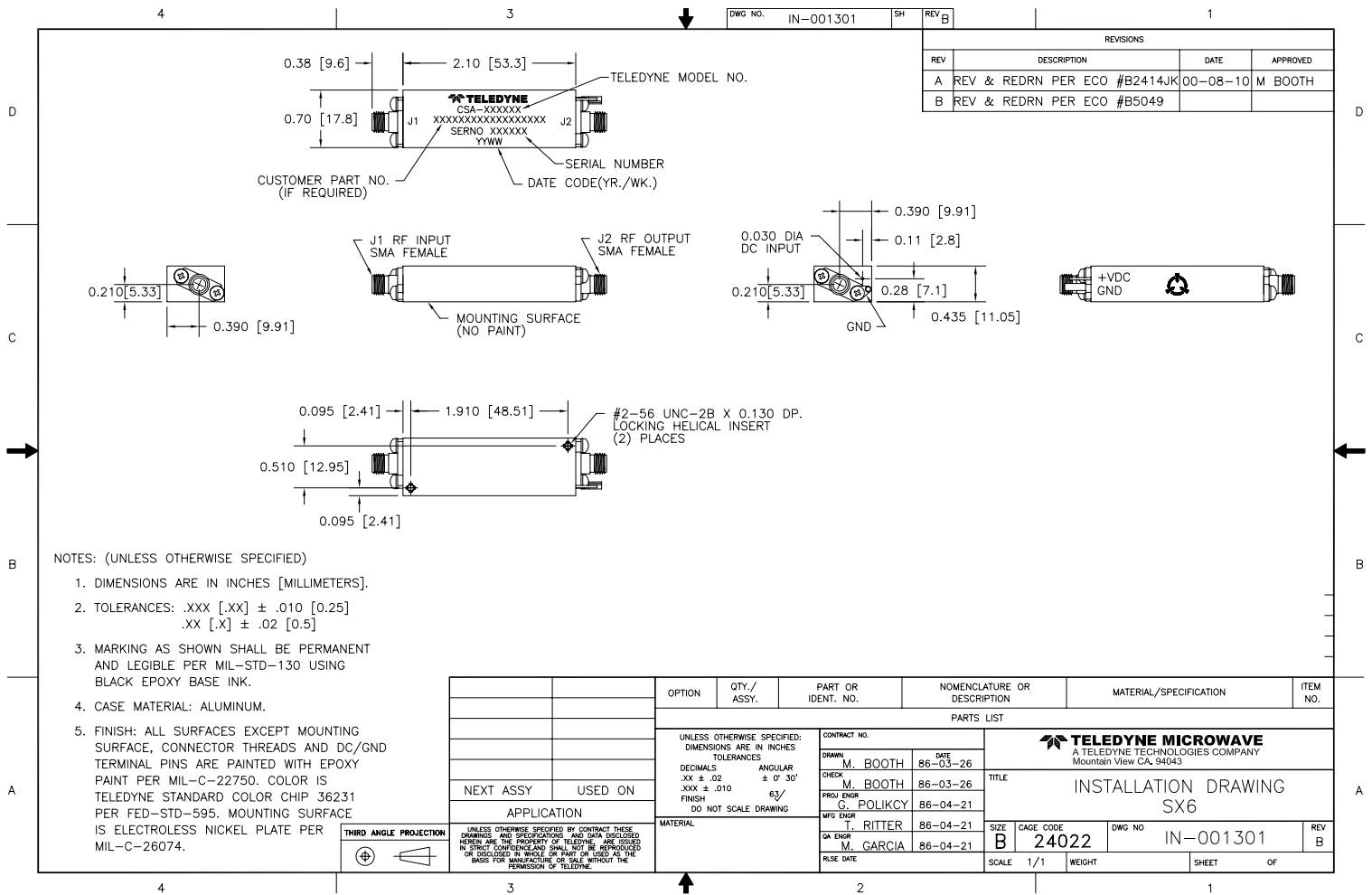
ISO 9001:2000

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

CPT-18-6005

Temperature Compensated Amplifier

6 GHz - 18 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