

CPA-18-8005

Amplifier

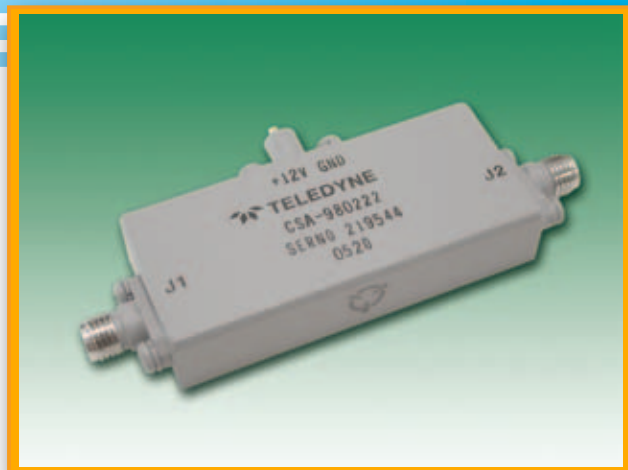
8 GHz - 18 GHz

This Amplifier offers exceptional performance over the band 8 GHz to 18 GHz with 20 dBm P1dB output power and 30 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: CPA-18-8005

Frequency Range: 8 GHz - 18 GHz

Gain (min): 30 dB

Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated

Noise Figure (max): 5.5 dB

Output Power @ 1dB Compression: 20 dBm

Gain Flatness Vs Frequency: +/-1.5 dB

3rd Order Intercept (Typ): 28 dBm

Power Supply:

Input Voltage: 11.5 to 15 VDC

Current @ 12 VDC (typ): 440 mA

Current @ 12 VDC (max): 485 mA

Case Type (See attached Outline): SX6

Temperature Range: +25C



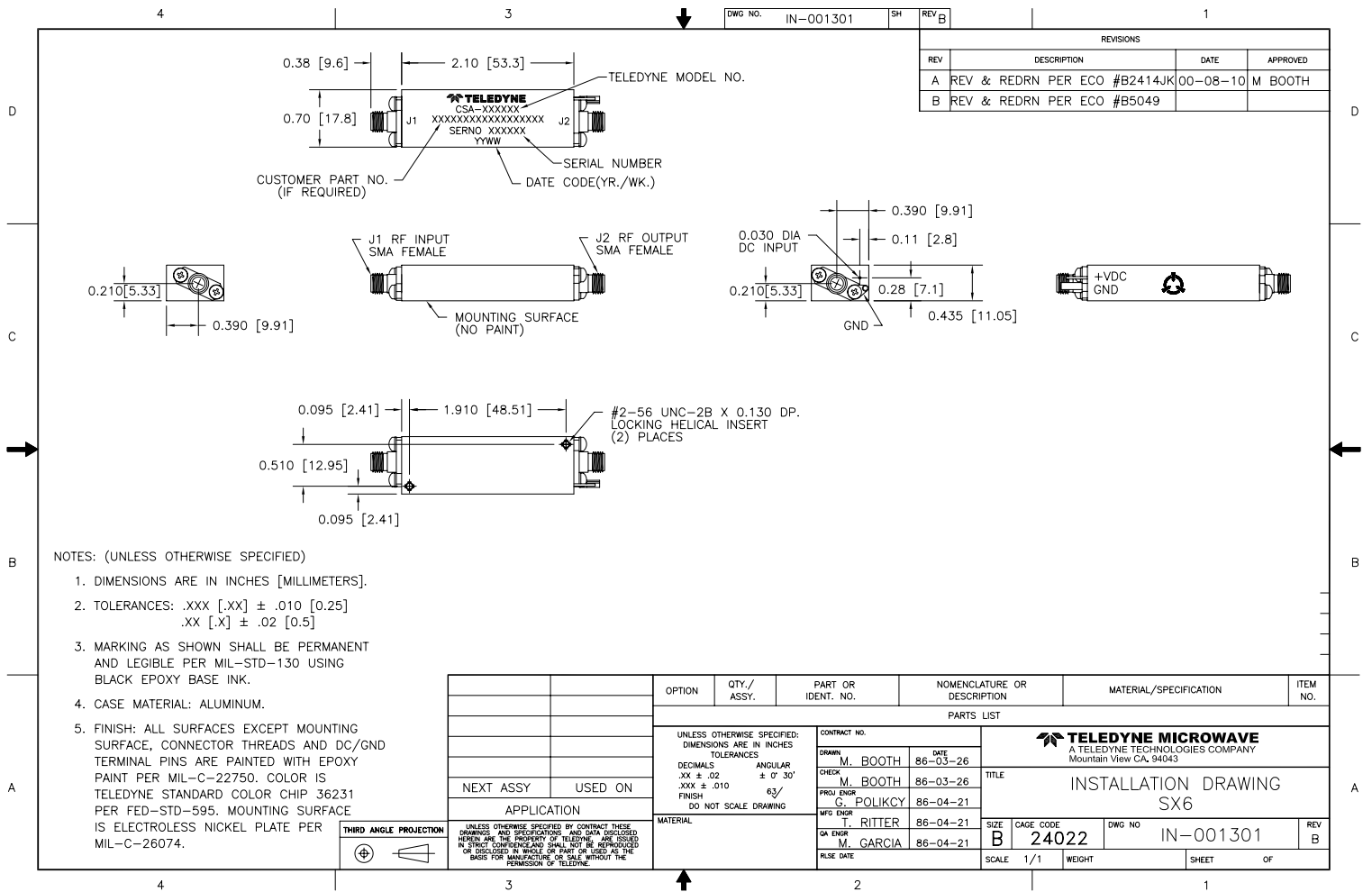
ISO 9001:2000

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

CPA-18-8005

Amplifier

8 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