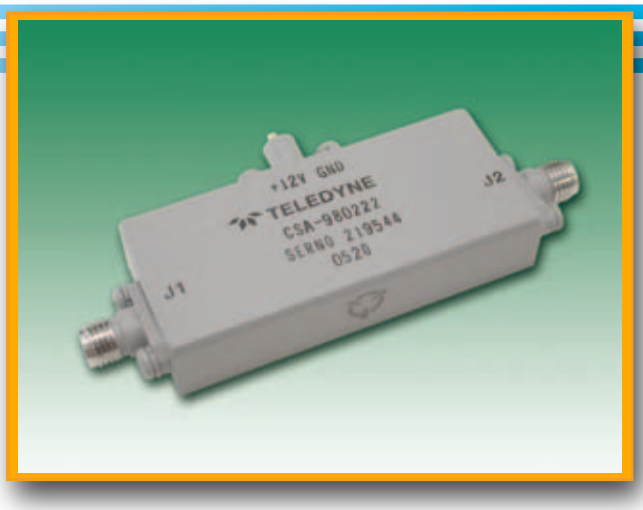
CMA-18-8007

Amplifier
8 GHz - 18 GHz



This Amplifier offers exceptional performance over the band 8 GHz to 18 GHz with 18 dBm P1dB output power and 39 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: CMA-18-8007
Frequency Range: 8 GHz - 18 GHz
Gain (min): 39 dB
Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated
Noise Figure (max): 7.5 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): 470 mA
- Current @ 12 VDC (max): 540 mA

Case Type (See attached Outline): SX8
Temperature Range: +25

TELEDYNE MICROWAVE

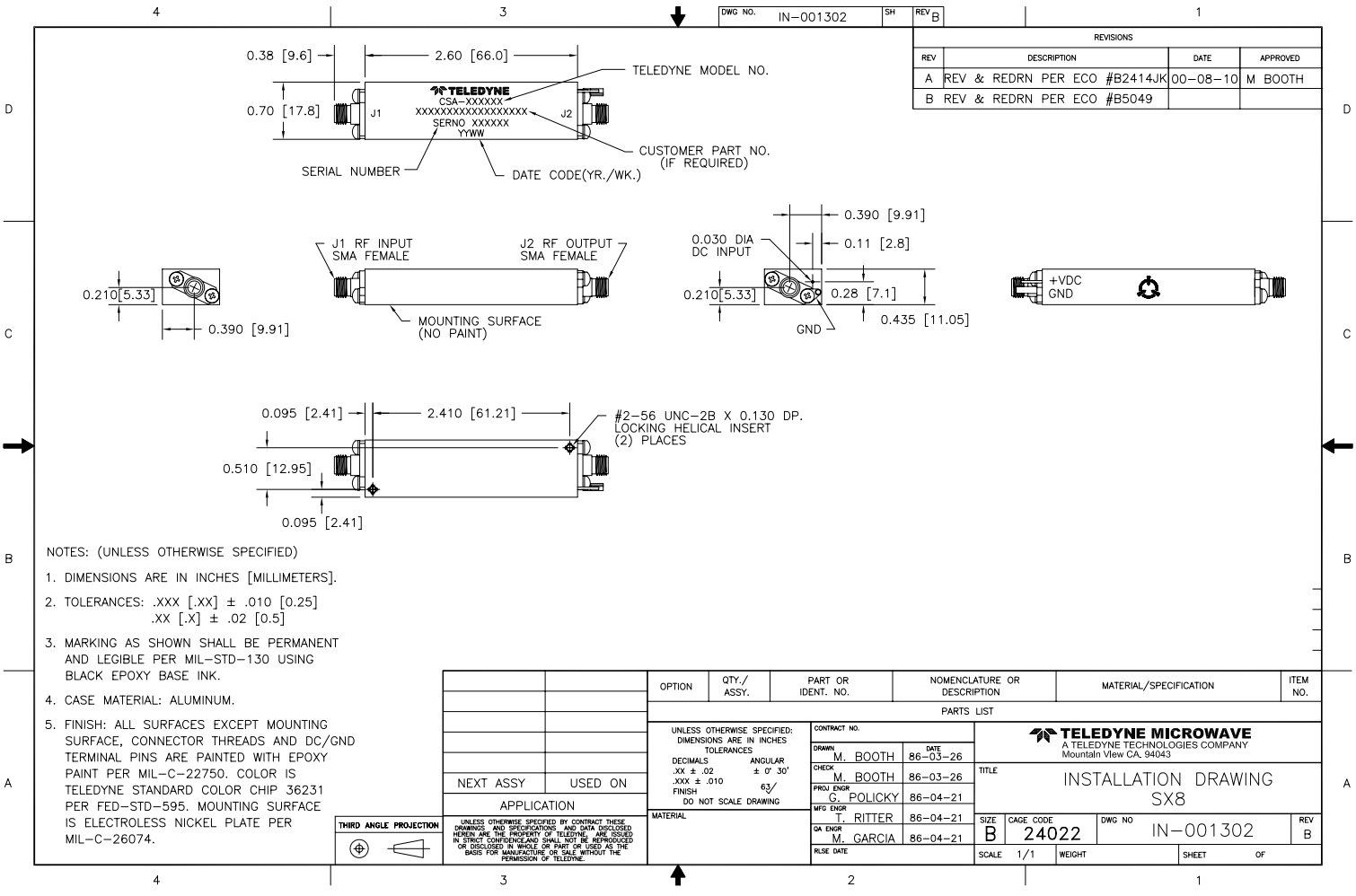
ISO 9001:2000

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

All Specifications are subject to change. Please contact Teledyne Microwave for the latest information on this product

CMA-18-8007

Amplifier
8 GHz - 18 GHz



TELEDYNE MICROWAVE

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

All Specifications are subject to change. Please contact Teledyne Microwave for the latest information on this product