

CMA-40-1812

Power Amplifier

18 GHz - 40 GHz

This Power Amplifier offers exceptional performance over the band 18 GHz to 40 GHz with 13(5) dBm P1dB output power and 45 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-40-1812
Frequency Range: 18 GHz – 40 GHz
Gain (min): 45 dB
Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated
Noise Figure (max): 10 dB
Output Power @ 1dB Compression: 13(5) dBm
Gain Flatness Vs Frequency: +/-3.00 dB
3rd Order Intercept (Typ): 19 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 600 mA
 Current @ 12 VDC (max): Contact Factory
Case Type (See attached Outline): SK12
Temperature Range: +25



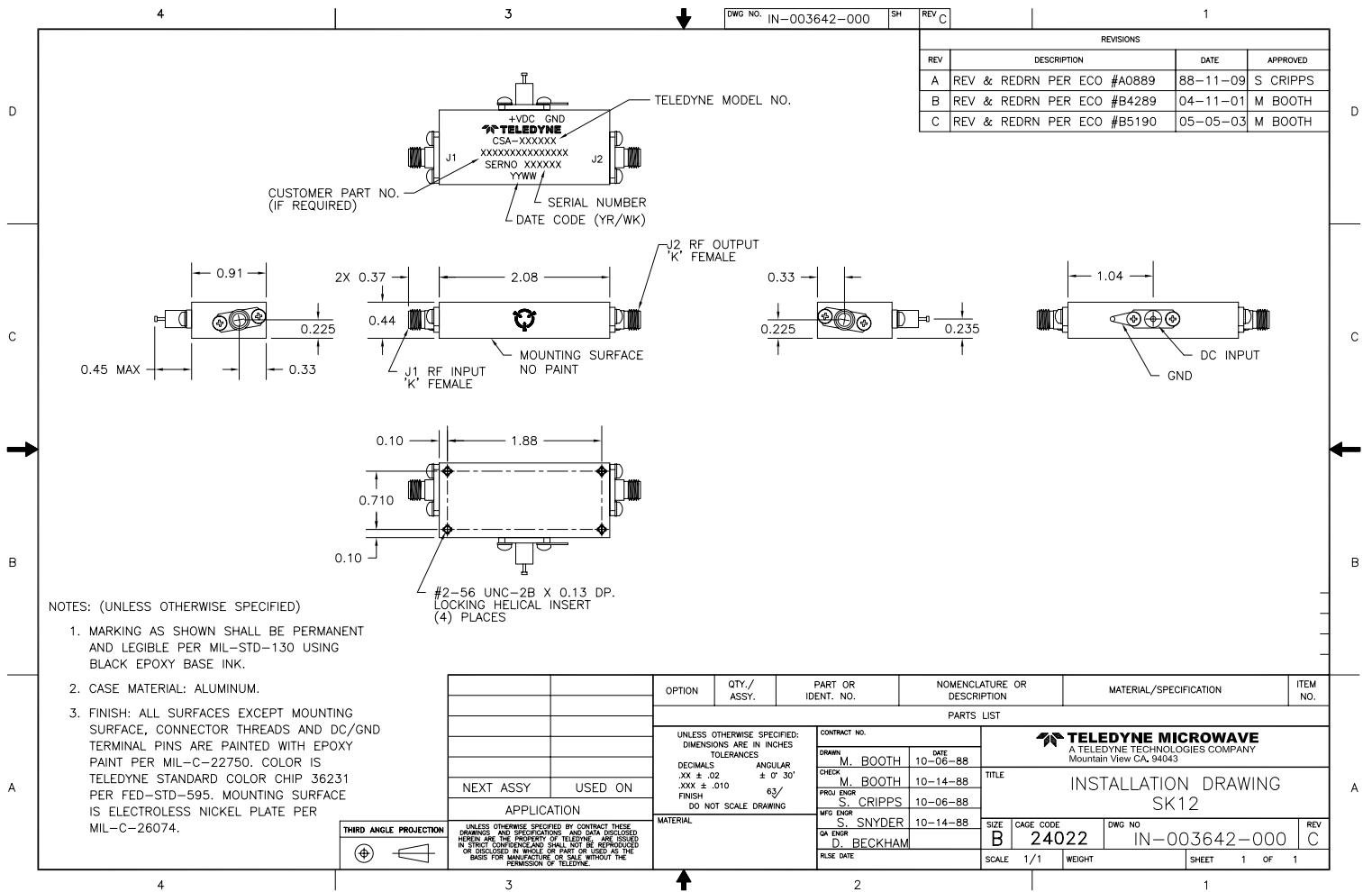
ISO 9001:2000

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

CMA-40-1812

Power Amplifier

18 GHz - 40 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