

**CLA-13-6013**

# Low Noise Amplifier

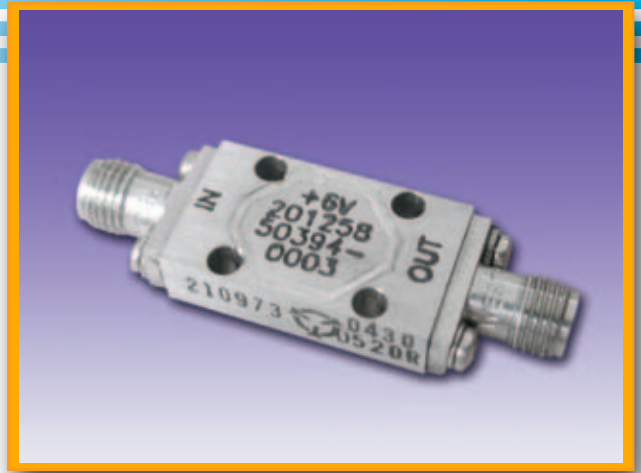
## 6 GHz - 13 GHz

This Low Noise Amplifier offers low Noise figure performance of 3.2 dB over the band 6 GHz to 13 GHz with 25 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: CLA-13-6013

Frequency Range: 6 GHz - 13 GHz

Gain (min): 25 dB

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

Noise Figure (max): 3.2 dB

Output Power @ 1dB Compression: 18 dBm

Gain Flatness Vs Frequency: +/-1.0 dB

3<sup>rd</sup> Order Intercept (Typ): 27 dBm

Power Supply:

Input Voltage: 11.5 to 15 VDC

Current @ 12 VDC (typ): 210 mA

Current @ 12 VDC (max): 240 mA

Case Type (See attached Outline): SX4

Temperature Range: +25

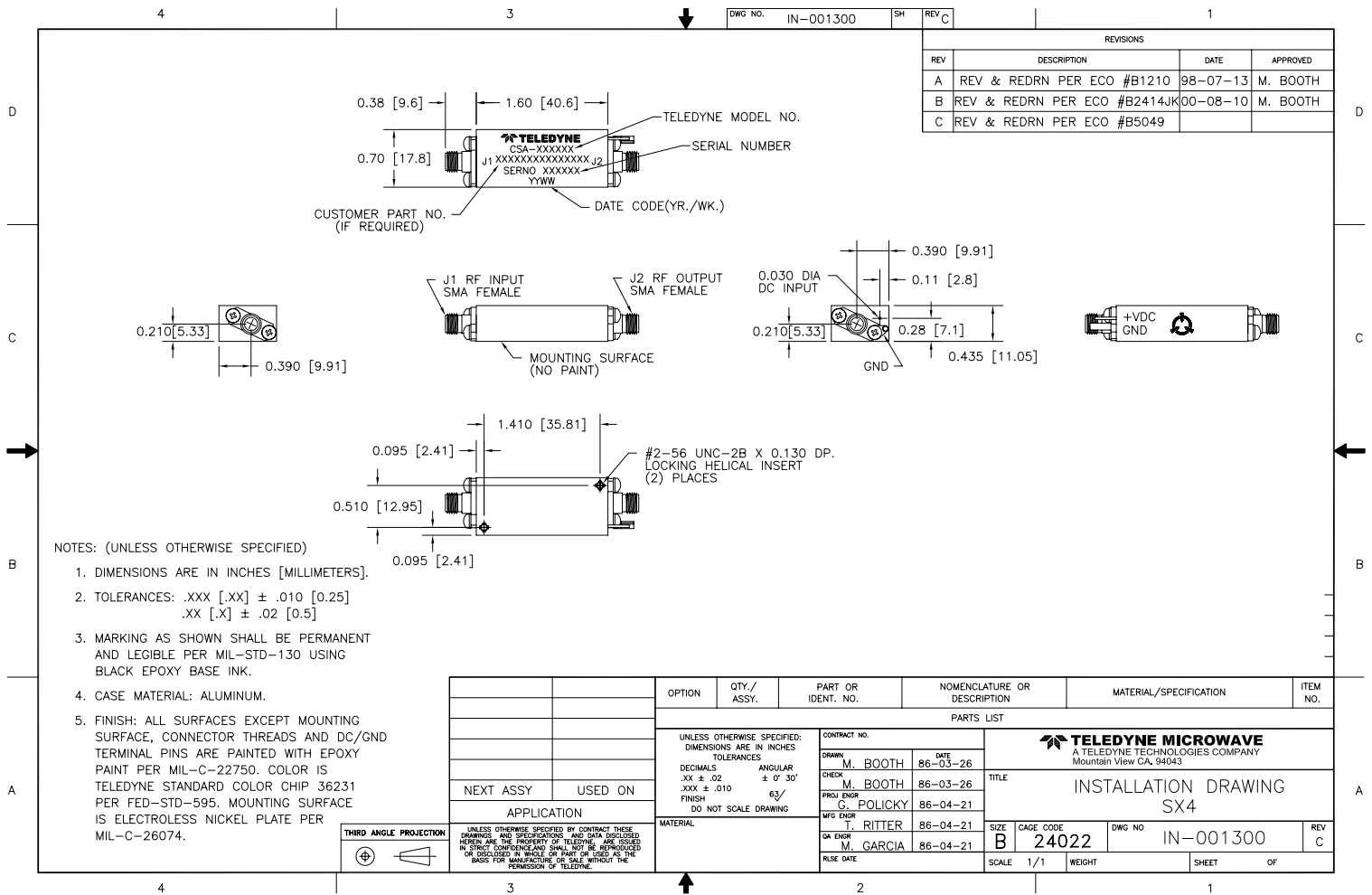


ISO 9001:2000

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

CLA-13-6013

# Low Noise Amplifier 6 GHz - 13 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