

CLT-13-6014

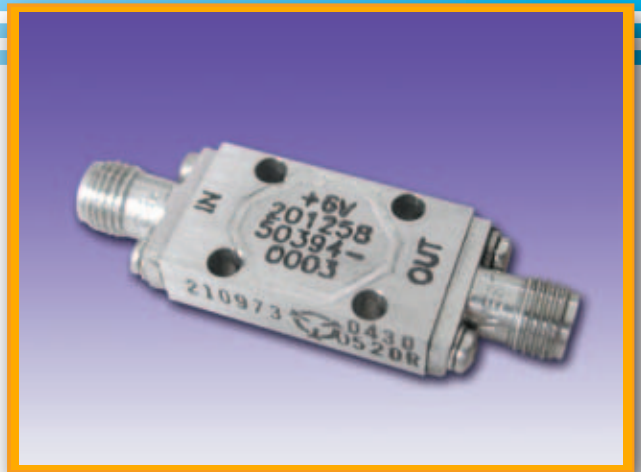
Temperature Compensated Low Noise Amplifier 6 GHz - 13 GHz

This Low Noise Amplifier offers low Noise figure performance of 3.9 dB over the band 6 GHz to 13 GHz with 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: CLT-13-6014
Frequency Range: 6 GHz - 13 GHz
Gain (min): 30 dB
Gain Vs Temp at any Frequency: +/-1.25 dB
Noise Figure (max): 3.9 dB
Output Power @ 1dB Compression: 18 dBm
Gain Flatness Vs Frequency: +/-1.0 dB
3rd Order Intercept (Typ): 27 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 316 mA
 Current @ 12 VDC (max): 350 mA
Case Type (See attached Outline): SX6
Temperature Range: -54 to +90C

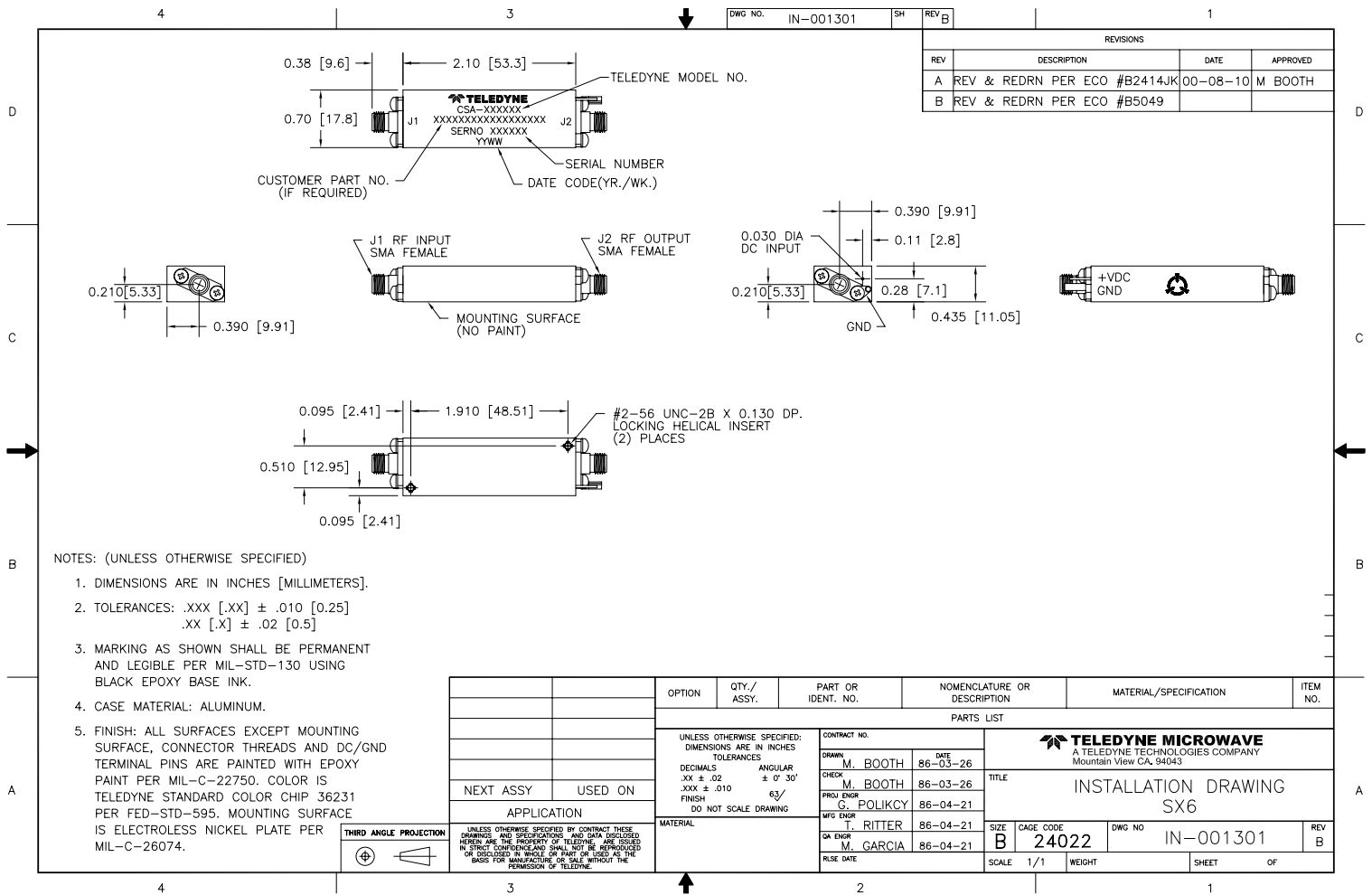


ISO 9001:2000

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

CLT-13-6014

Temperature Compensated 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