

TLT-8-2013

Temperature Compensated Low Noise Amplifier

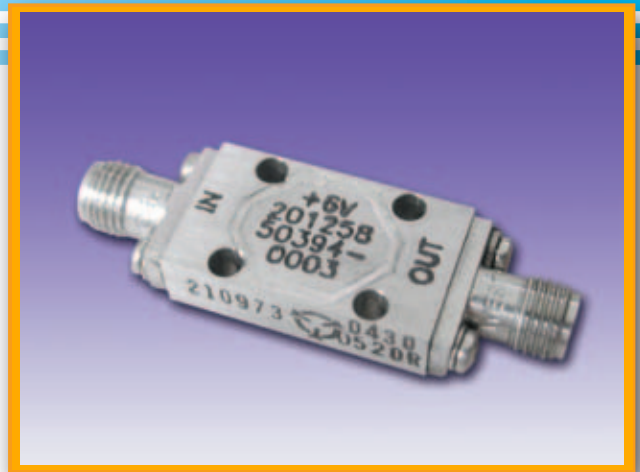
2 GHz - 8 GHz

This Low Noise Amplifier offers low Noise figure performance of 3.2 dB over the band 2 GHz to 8 GHz with 24 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: TLT-8-2013
Frequency Range: 2 GHz – 8 GHz
Gain (min): 24 dB
Gain Vs Temp at any Frequency: ± 1.00 dB
Noise Figure (max): 3.2 dB
Output Power @ 1dB Compression: 12 dBm
Gain Flatness Vs Frequency: ± 1.5 dB
3rd Order Intercept (Typ): 22 dBm
Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 250 mA
 Current @ 12 VDC (max): 280 mA
Case Type (See attached Outline): SC6
Temperature Range: -54 to +90C



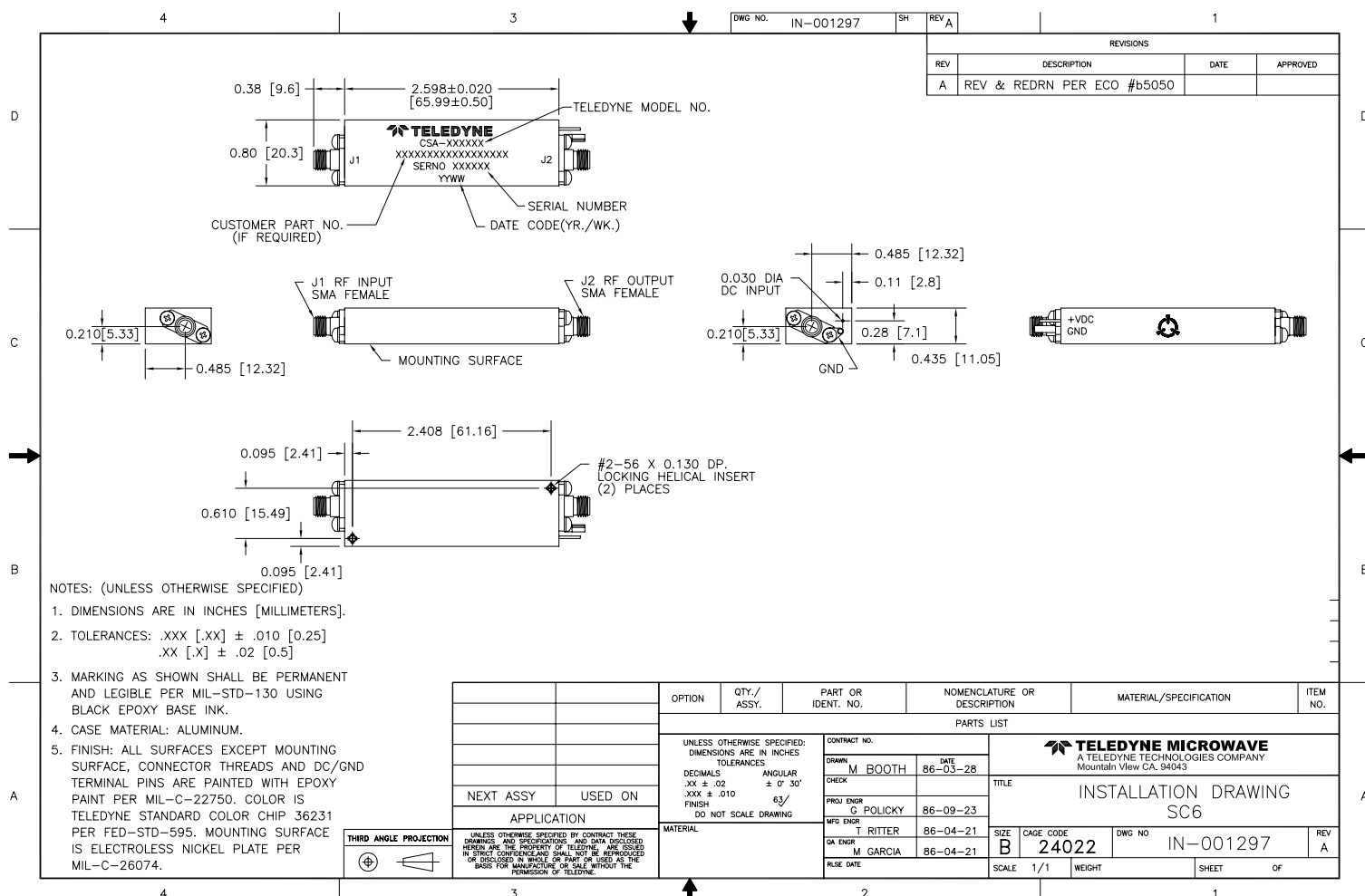
**TELEDYNE
MICROWAVE**

ISO 9001:2000

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