

**TLA-13-6014**

# Low Noise Amplifier

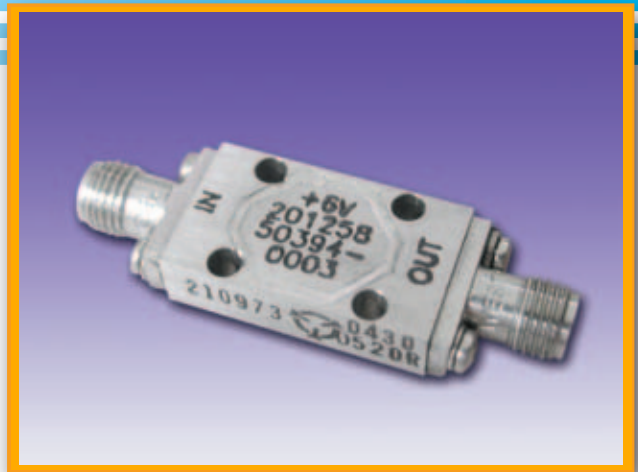
## 6 GHz - 13 GHz

This Low Noise Amplifier offers low Noise figure performance of 2.5 dB over the band 6 GHz to 13 GHz with 34 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



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### Specifications:

Model Number: TLA-13-6014  
Frequency Range: 6 GHz – 13 GHz  
Gain (min): 34 dB  
Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated  
Noise Figure (max): 2.5 dB  
Output Power @ 1dB Compression: 18 dBm  
Gain Flatness Vs Frequency: +/-1.5 dB  
3<sup>rd</sup> Order Intercept (Typ): 27 dBm  
Power Supply:  
    Input Voltage: 11.5 to 15 VDC  
    Current @ 12 VDC (typ): 280 mA  
    Current @ 12 VDC (max): 320 mA  
Case Type (See attached Outline): SX4  
Temperature Range: +25



ISO 9001:2000

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

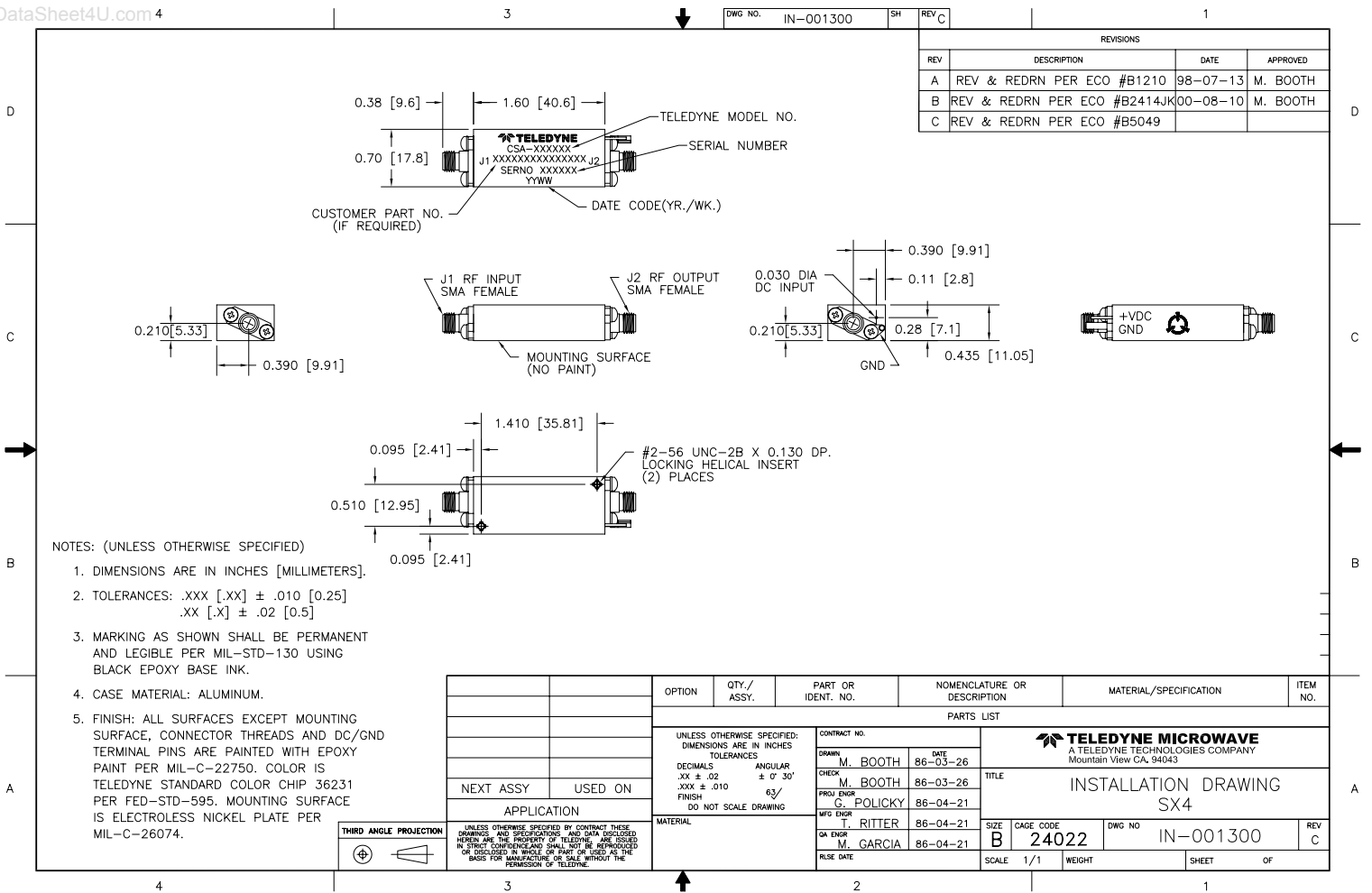
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