

**TLA-18-2002**

# Low Noise Amplifier

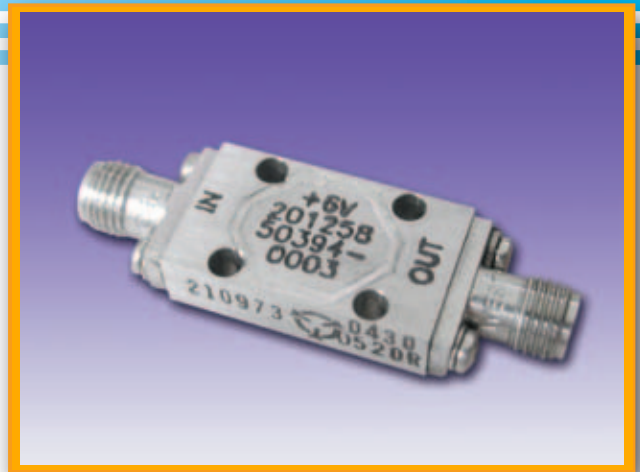
## 2 GHz - 18 GHz

This Low Noise Amplifier offers low Noise figure performance of 3.6 dB over the band 2 GHz to 18 GHz with 17 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: TLA-18-2002

Frequency Range: 2 GHz – 18 GHz

Gain (min): 17 dB

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

Noise Figure (max): 3.6 dB

Output Power @ 1dB Compression: 10 dBm

Gain Flatness Vs Frequency: +/-1.0 dB

3<sup>rd</sup> Order Intercept (Typ): 17 dBm

Power Supply:

Input Voltage: 11.5 to 15 VDC

Current @ 12 VDC (typ): 110 mA

Current @ 12 VDC (max): 120 mA

Case Type (See attached Outline): SX2

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

08/05

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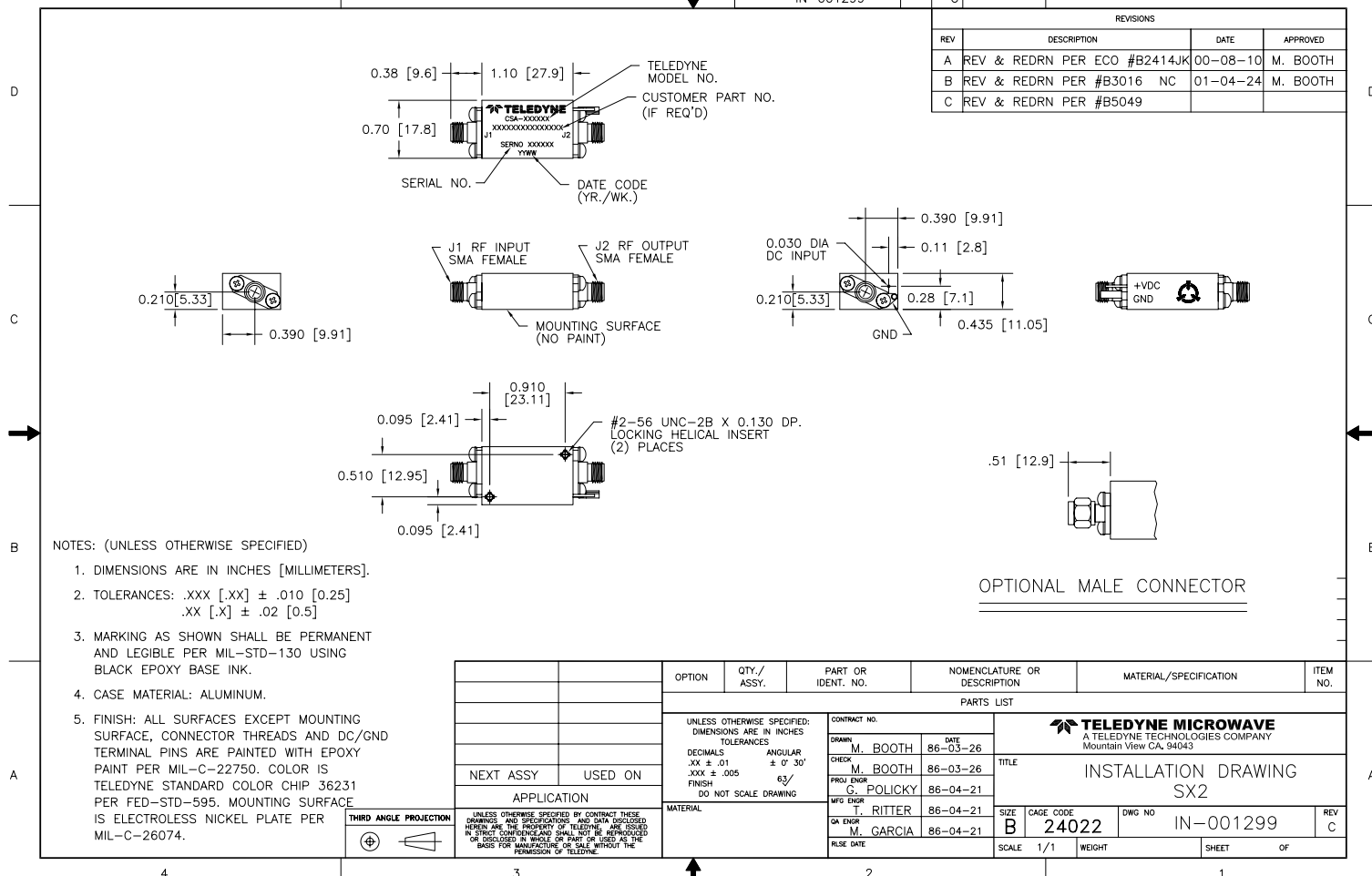
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