

**CLT-18-2002**

# Temperature Compensated Amplifier

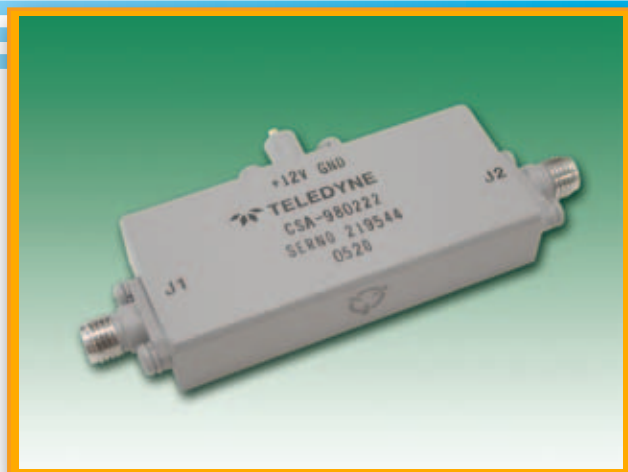
## 2 GHz - 18 GHz

This Amplifier offers exceptional performance over the band 2 GHz to 18 GHz with 12 dBm P1dB output power and 16 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:

DataSheet4U.com

Model Number: CLT-18-2002  
 Frequency Range: 2 GHz - 18 GHz  
 Gain (min): 16 dB  
 Gain Vs Temp at any Frequency: +/-0.50 dB  
 Noise Figure (max): 8 dB  
 Output Power @ 1dB Compression: 12 dBm  
 Gain Flatness Vs Frequency: +/-1.5 dB  
 3<sup>rd</sup> Order Intercept (Typ): 19 dBm  
 Power Supply:  
     Input Voltage: 11.5 to 15 VDC  
     Current @ 12 VDC (typ): 170 mA  
     Current @ 12 VDC (max): 200 mA  
 Case Type (See attached Outline): SX4  
 Temperature Range: -54 to +90C

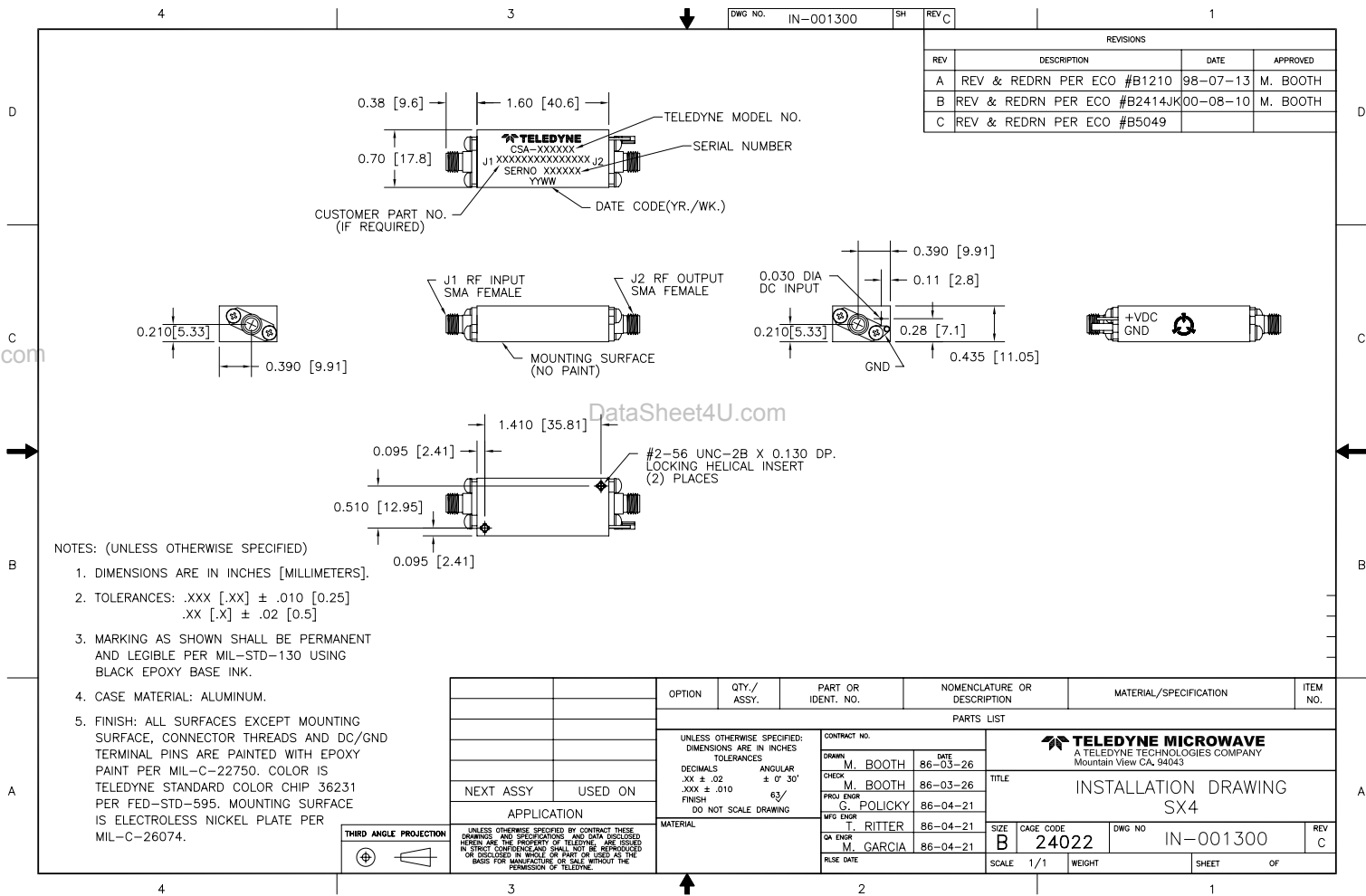


ISO 9001:2000

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