

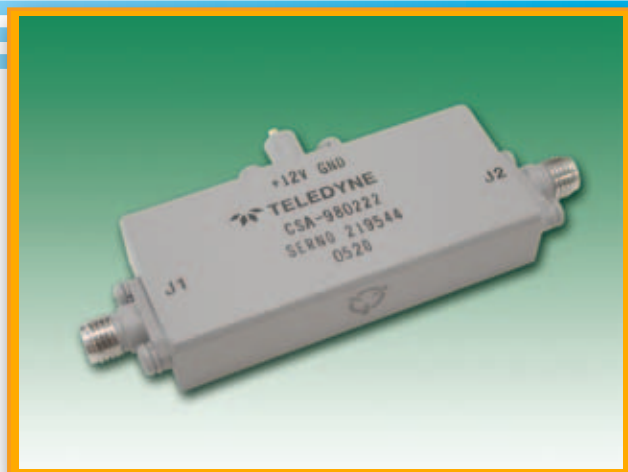
CLT-18-6006**Temperature Compensated Amplifier
6 GHz - 18 GHz**

This Amplifier offers exceptional performance over the band 6 GHz to 18 GHz with 18 dBm P1dB output power and 31 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:**

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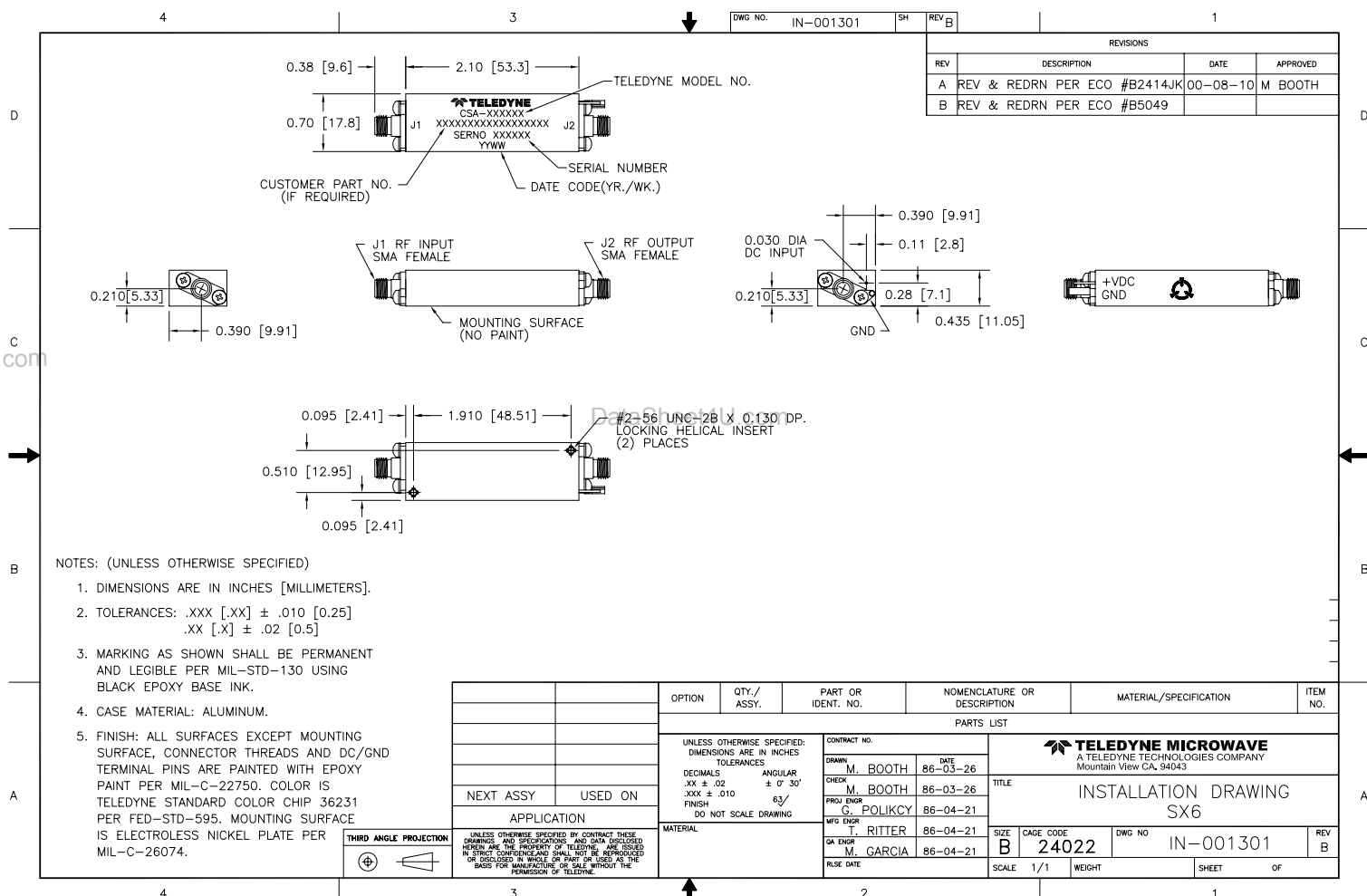
Model Number: CLT-18-6006
 Frequency Range: 6 GHz - 18 GHz
 Gain (min): 31 dB
 Gain Vs Temp at any Frequency: +/-1.75 dB
 Noise Figure (max): 4.5 dB
 Output Power @ 1dB Compression: 18 dBm
 Gain Flatness Vs Frequency: +/-2.0 dB
 3rd Order Intercept (Typ): 20 dBm
 Power Supply:
 Input Voltage: 11.5 to 15 VDC
 Current @ 12 VDC (typ): 450 mA
 Current @ 12 VDC (max): 510 mA
 Case Type (See attached Outline): SX6
 Temperature Range: -54 to +90C

**ISO 9001:2000**

CLT-18-6006

Temperature Compensated Amplifier

6 GHz - 18 GHz



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