

## TMT-4-0502

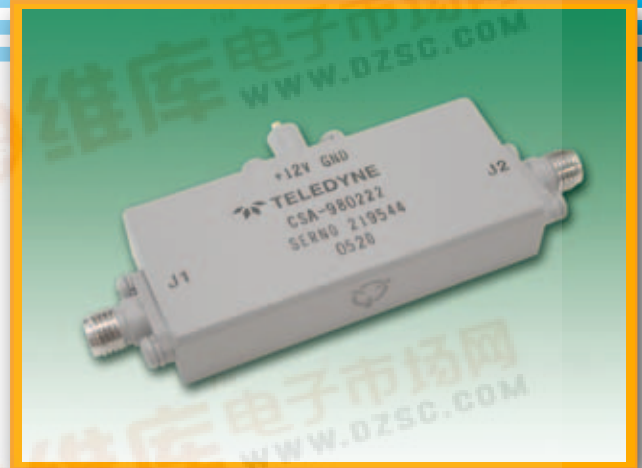
# Temperature Compensated Amplifier 0.5 GHz - 4 GHz

This Amplifier offers exceptional performance over the band 0.5 GHz to 4 GHz with 18 dBm P1dB output power and 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: TMT-4-0502  
 Frequency Range: 0.5 GHz – 4 GHz  
 Gain (min): 17 dB  
 Gain Vs Temp at any Frequency:  $\pm 1$  dB  
 Noise Figure (max): 4 dB  
 Output Power @ 1dB Compression: 18 dBm  
 Gain Flatness Vs Frequency:  $\pm 1.0$  dB  
 3<sup>rd</sup> Order Intercept (Typ): 27 dBm  
 Power Supply:  
     Input Voltage: 11.5 to 15 VDC  
     Current @ 12 VDC (typ): 140 mA  
     Current @ 12 VDC (max): 155 mA  
 Case Type (See attached Outline): SC2  
 Temperature Range: -54 to +90C



**TELEDYNE  
MICROWAVE**

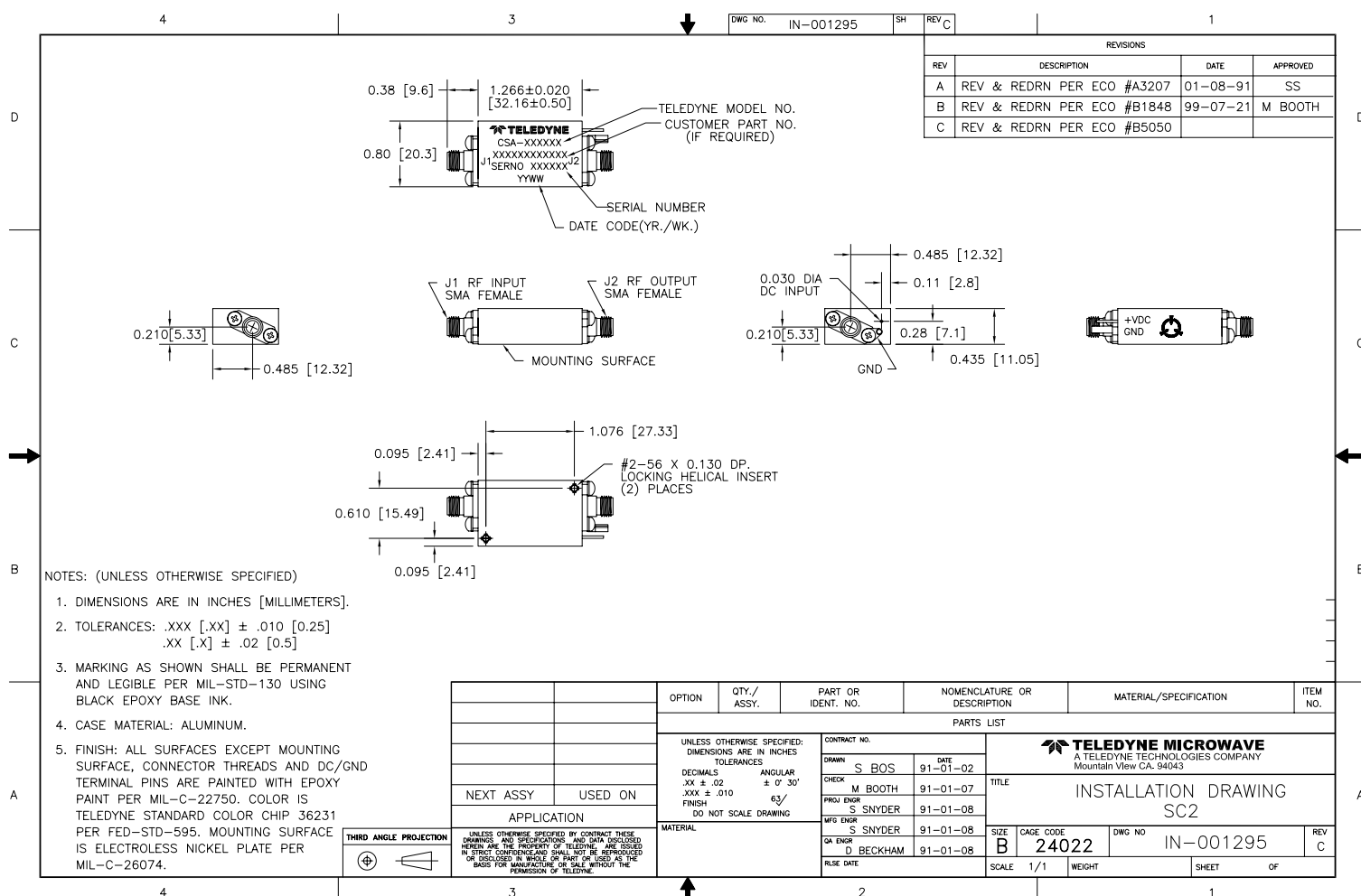
ISO 9001:2000



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