#### TMT-4-2004

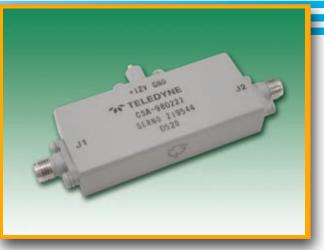
# Temperature Compensated Amplifier

### 2 GHz - 4 GHz

This Amplifier offers exceptional performance over the band 2 GHz to 4 GHz with 18 dBm P1dB output power and 41 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-4-2004 Frequency Range: 2 GHz - 4 GHz Gain (min): 41 dB Gain Vs Temp at any Frequency:  $+/-1.25 \, dB$ Noise Figure (max): 5.5 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): 325 mA Case Type (See attached Outline): SC6 Temperature Range: -54 to +90C



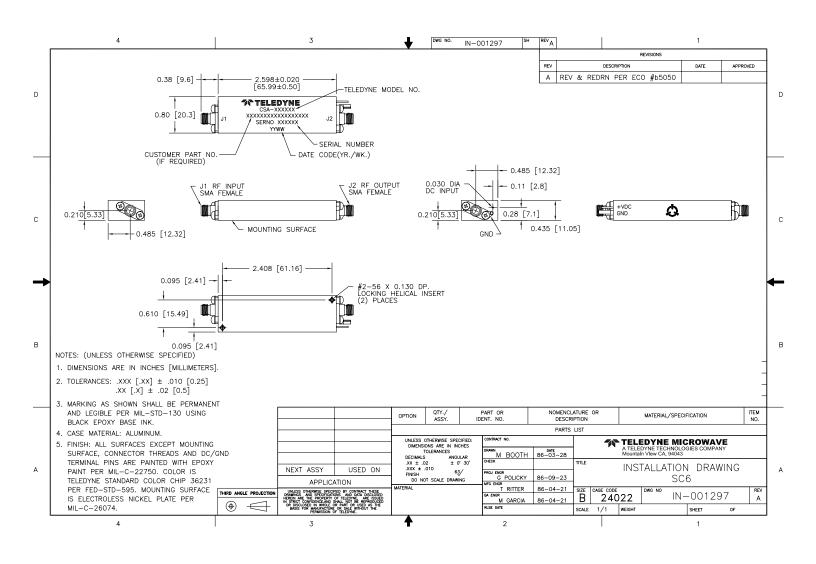
### ISO 9001:2000

1274 Terra Bella Avenue, Mountain View, CA 94043 • PHN# 800.832.6869 or +1.650.962.6944 • FAX# 650.962.6845 www.teledynemicrowave.com • microwave@teledyne.com

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