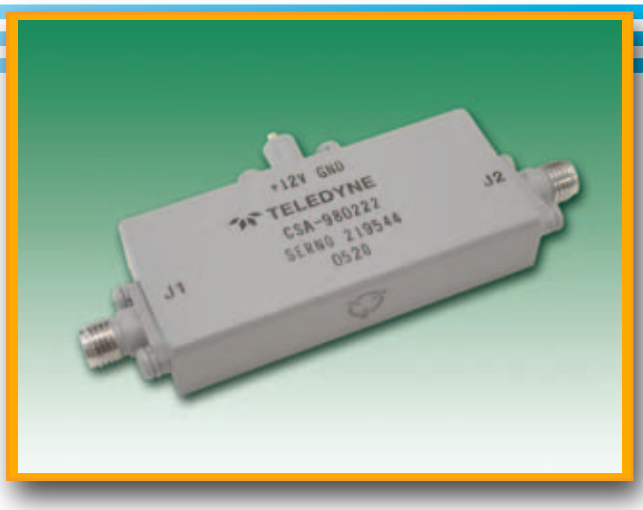
CPT-13-6037

Temperature Compensated Power Amplifier
6 GHz - 13 GHz



This Power Amplifier offers exceptional performance over the band 6 GHz to 13 GHz with 30 dBm P1dB output power and 36 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: CPT-13-6037
Frequency Range: 6 GHz - 13 GHz
Gain (min): 36 dB
Gain Vs Temp at any Frequency: +/-1.25 dB
Noise Figure (max): 12 dB
Output Power @ 1dB Compression: 30 dBm
Gain Flatness Vs Frequency: +/-1.75 dB
3rd Order Intercept (Typ): 36 dBm
Power Supply:
- Input Voltage: 11.5 to 15 VDC
- Current @ 12 VDC (typ): 3660 mA
- Current @ 12 VDC (max): Contact Factory

Case Type (See attached Outline): HPX10
Temperature Range: -54 to +90C

TELEDYNE MICROWAVE

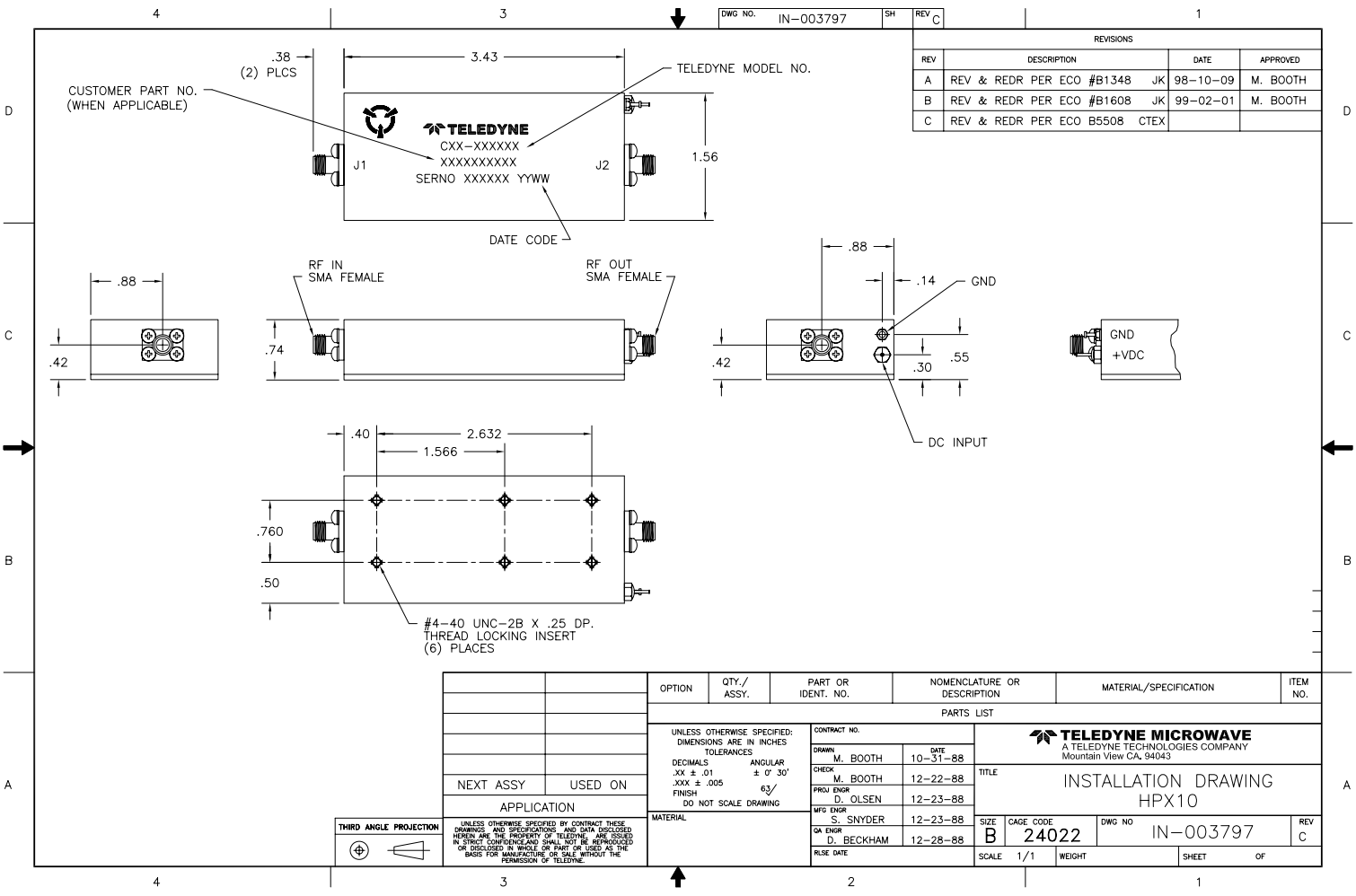
ISO 9001:2000

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All Specifications are subject to change. Please contact Teledyne Microwave for the latest information on this product

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