## TPA-18-8007 Amplifier 8 GHz - 18 GHz

This Amplifier offers exceptional performance over the band 8 GHz to 18 GHz with 20 dBm P1dB output power and 42 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

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Specifications:

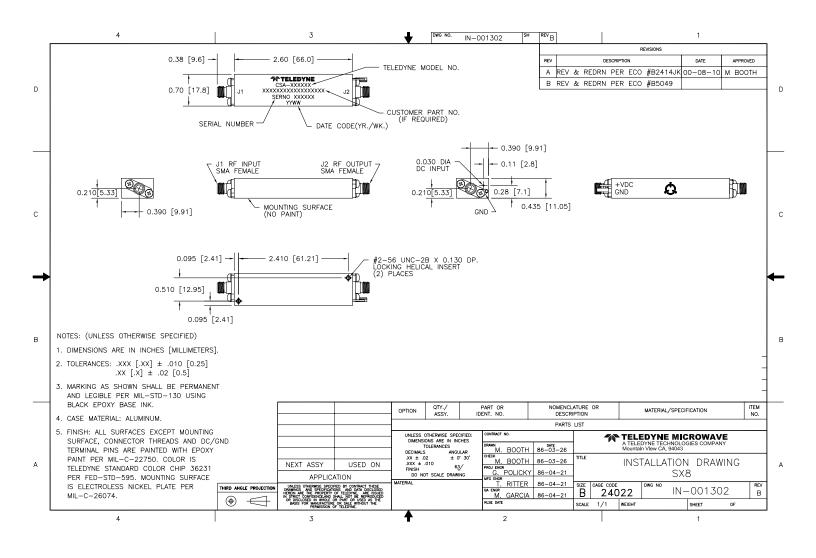
Model Number: TPA-18-8007 Frequency Range: 8 GHz – 18 GHz Gain (min): 42 dB Gain Vs Temp at any Frequency: This Amplifier is not Temperature Compensated Noise Figure (max): 5.5 dB Output Power @ 1dB Compression: 20 dBm Gain Flatness Vs Frequency: +/-2 dB 3<sup>rd</sup> Order Intercept (Typ): 28 dBm Power Supply: Input Voltage: 11.5 to 15 VDC Current @ 12 VDC (typ): 560 mA Current @ 12 VDC (max): 615 mA Case Type (See attached Outline): SX8 Temperature Range: +25C



## ISO 9001:2000

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