

CLMA-12G18G-6170-S is a wideband, high gain medium power limiting amplifier with +14dBm saturated output power. It is designed mainly for IFM EW airborne application where multiple signals are present at the input and low harmonic distortion is required to preserve the two-tone ratio at output under limiting conditions. The input signals can be as large as 0dBm.

Features:

- 12.0 to 18.0 GHz Frequency Range
- N.F.<7.0 dB
- +14 dBm Saturated Output Power
- Reverse Voltage Protection

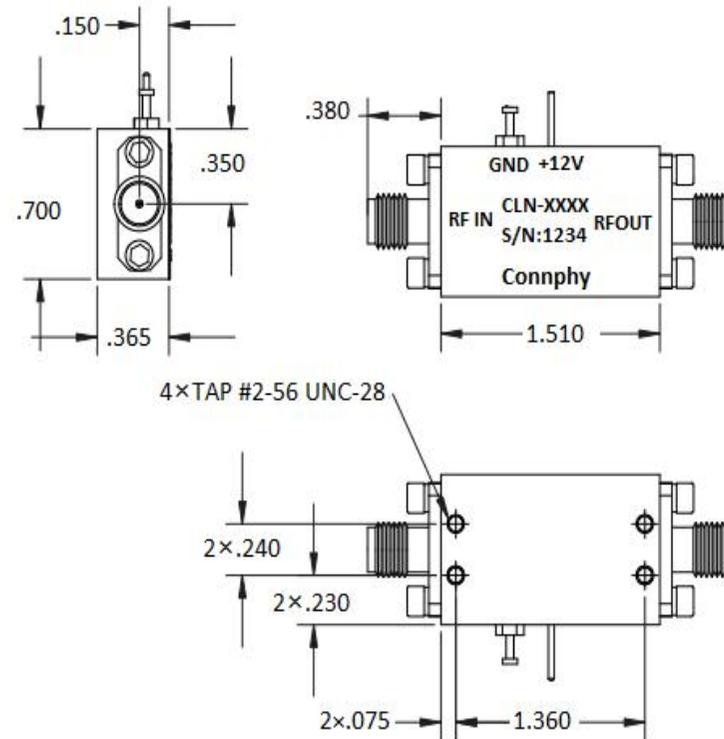
Specifications:

- Frequency: 12.0-18.0 GHz
- Input Range: -61 dBm to 0 dBm
- Noise Figure: 7.0 dB Max
- VSWR Input: 2.2:1 Max
- VSWR Output: 2.2:1 Max
- Psat: +14 dBm to 19 dBm
- Psat Flatness: 1.5 dB Max
- DC Voltage Supply: 9 V to 15 V
- DC Current Draw: 900 mA Typ

Environmental Ratings:

- Temperature: -40°C to +75 °C Operating
-55 °C to +125 °C Non-Operating
- Vibration: MIL-STD-202F, Method 204D Cond. B
- Altitude: MIL-STD-202F, Method 105C Cond. B
- Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

Mechanical Outline(Inches) :



Limiting Amplifiers CLMA-12G18G-6170-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 08/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.