

**CLMA-6G18G-3760-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 +12dBm.

**Features:**

- 6 to 18 GHz Frequency Range
- N.F.<6.0 dB
- +14 dBm Saturated Output Power
- Reverse Voltage Protection

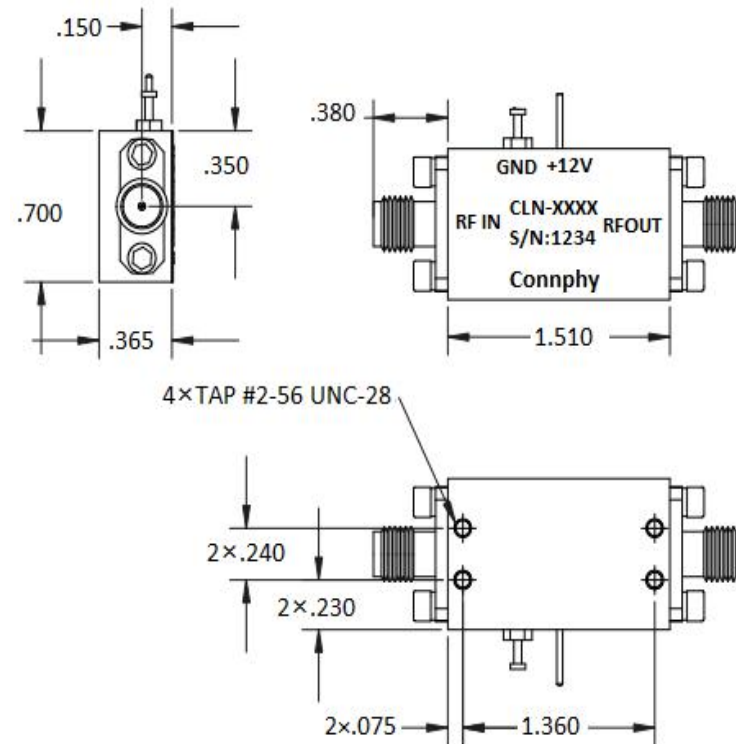
**Specifications:**


- Frequency: 6.0-18.0 GHz
- Input Range: -30 dBm to +7 dBm
- Noise Figure: 6.0 dB Max
- VSWR Input: 2.2:1 Max
- VSWR Output: 2.2:1 Max
- Psat: +14 dBm to 19 dBm
- Psat Flatness: 1.0 dB Max
- DC Voltage Supply: 9 V to 15 V
- DC Current Draw: 400 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<br>CLMA-6G18G-3760-S |                   |                      |   |
|--|-------------------|----------------------|---|
| DRAWN:                                   | DWG NO.:          | REV CODE:<br>Rev.1.0 | <br><a href="http://www.connphy.com">www.connphy.com</a><br><a href="mailto:sales@connphy.com">sales@connphy.com</a> |
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|  |                   |                      | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.   |