

CLN-2G18G-4030-S is a Low Noise Amplifier providing a gain of 40 dB with a noise figure of 3.0 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 2.0-18.0 GHz
- Gain: 40 dB Min
- Noise Figure: 3.0 dB Max
- Solder filtered pins for DC connection
- Low VSWR, unconditional stable

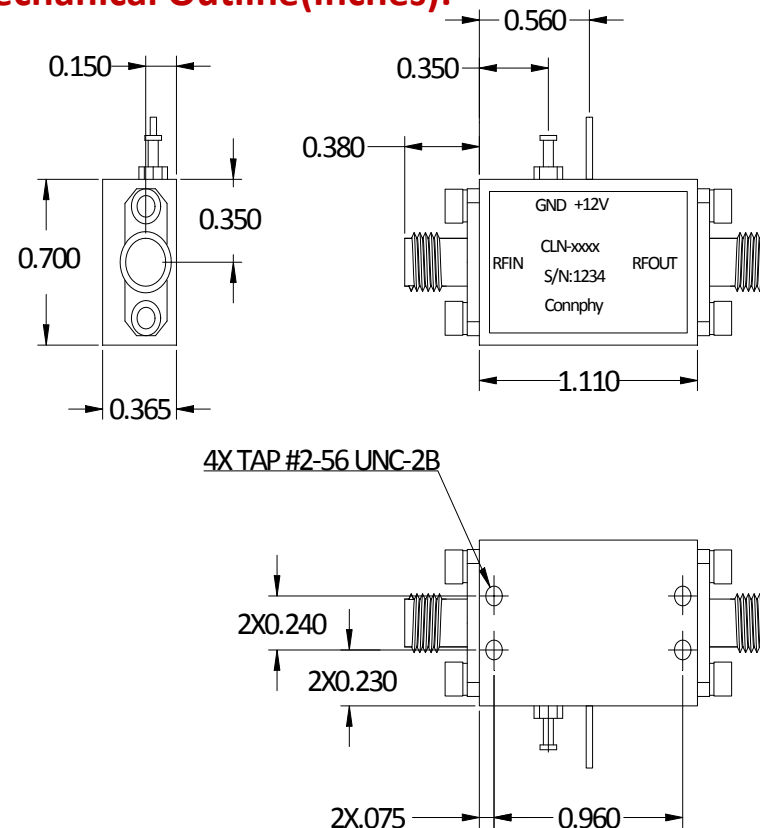
Specifications:


| | |
|--------------------|---------------|
| Frequency: | 2.0-18.0 GHz |
| Gain: | 40 dB Min |
| Gain Flatness: | ±1.75 dB Max |
| Noise Figure: | 3.0 dB Max |
| Output P1dB: | 15 dBm Min |
| Output IP3: | 25 dBm Typ |
| VSWR Input: | 2.2:1 Max |
| VSWR Output: | 2.2:1 Max |
| DC Voltage: | +9 V to +12 V |
| DC Supply Current: | 300 mA Typ |
| RF Connector: | SMA Female |

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):



| Low Noise Amplifier CLN-2G18G-4030-S | | | |
|---|-------------------|----------------------|---|
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 |  www.connphy.com sales@connphy.com |
| CHECKRD: | DATE: 14/05/15 | SHEET : 1 OF 1 | |
| ISSUED: | SIZE: A | SCALE : N / A | |
| | | | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE. |