

CMC-26G31G-3024-K is a wideband medium power amplifier providing up to 24 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 26 to 31 GHz
- P1dB: 24 dBm Typ
- Flat Small Signal Gain: 30 dB Typ
- Small size, low cost
- Unconditionally Stable

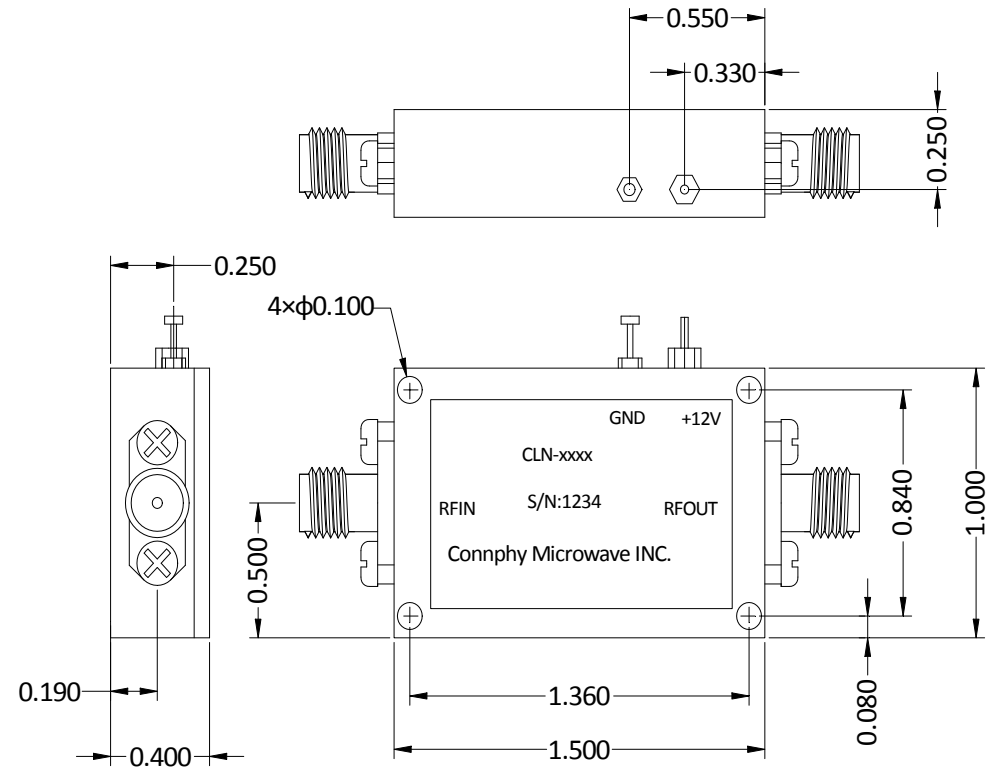
Specifications:


| | |
|--------------------|----------------------|
| Frequency: | 26-31 GHz |
| Gain: | 30 dB Typ, 28 dB Min |
| Gain Flatness: | ±1.0 dB Max |
| Noise Figure: | 3.0 dB Max |
| Output P1dB: | 24 dBm Typ |
| Output IP3: | 30 dBm Typ |
| Spurious: | -60 dBc Max |
| VSWR Input: | 2.5:1 Max |
| VSWR Output: | 2.5:1 Max |
| DC Voltage: | +12 V DC Typ |
| DC Supply Current: | 300 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):



| Medium Power Amplifier CMC-26G31G-3024-K | | | |
|---|-------------------|----------------------|---|
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 |  www.connphy.com sales@connphy.com |
| CHECKRD: | DATE: 12/10/15 | SHEET : 1 OF 1 | |
| ISSUED: | SIZE: A | SCALE : N / A | |
| | | | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE. |