

CMC-26G31G-2729-K is a wideband medium power amplifier providing up to 29 dBm and a gain of 27 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 26 to 31 GHz
- P1dB: 29 dBm Typ
- Flat Small Signal Gain: 27 dB Typ
- Small size, low cost
- Unconditionally Stable

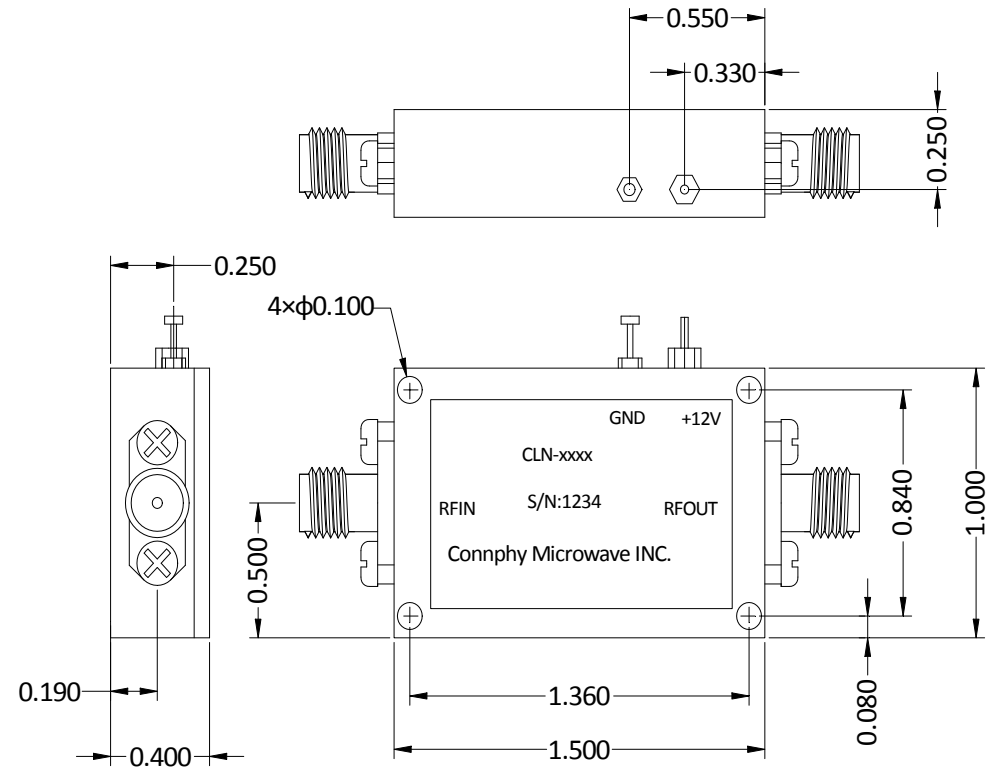
Specifications:


Frequency:	26-31 GHz
Gain:	27 dB Typ, 24 dB Min
Gain Flatness:	±1.25 dB Max
Noise Figure:	10.0 dB Max
Output P1dB:	29 dBm Typ
Output IP3:	37 dBm Typ
Spurious:	-60 dBc Max
VSWR Input:	2.0:1 Max
VSWR Output:	2.0:1 Max
DC Voltage:	+7 V DC
DC Supply Current:	1000 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-2729-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.