

CLC-1G4G-2415-S is a Low Noise Amplifier providing a gain of 24 dB with a noise figure of 1.5 dB. The compact size and modularity makes it ideal for a wide range of applications.

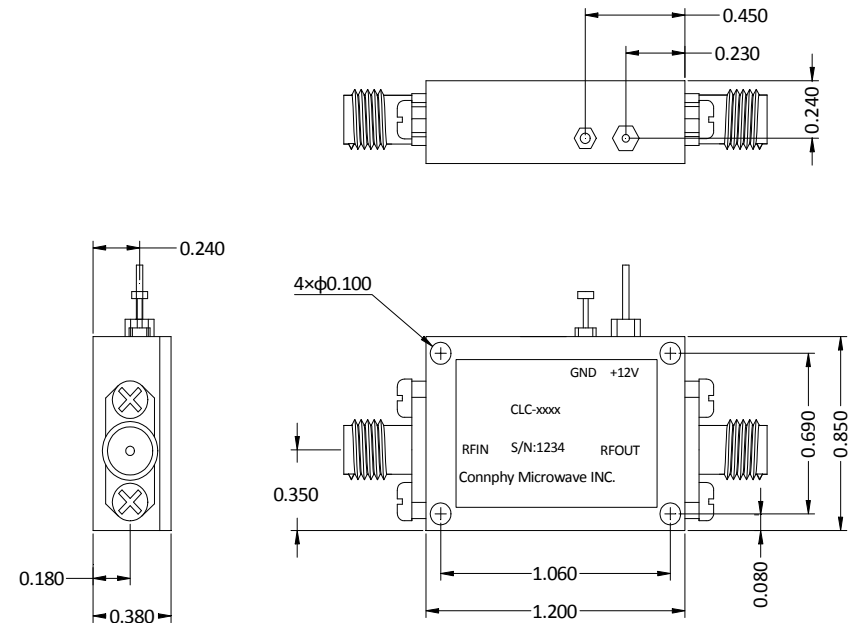
Features:

- Frequency Range: 1.0-4.0 GHz
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O

Specifications:


Frequency: 1.0- 4.0 GHz
 Gain: 24 dB Typ, 22 dB Min
 Gain Flatness: ± 1.0 dB Typ, ± 1.25 dB Max
 Gain Variation over Temp: ± 1.0 dB Typ
 Noise Figure: 1.5 dB Typ, 1.8 dB Max
 Output P1dB: 10 dBm Min
 Spurious: -60 dBc Max
 VSWR Input: 1.5:1 Typ , 2.0:1 Max
 VSWR Output: 1.5:1 Typ , 2.0:1 Max
 DC Voltage: +8 V to +12 V DC
 DC Supply Current: 50 mA Typ
 RF Connector: SMA Female

Mechanical Outline (Inches):



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

Low Noise Amplifier CLC-1G4G-2415-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.