

CLC-0.5G3G-3314-S is a Low Noise Amplifier providing a gain of 33 dB with a noise figure of 1.4 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 0.5-3.0 GHz
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O

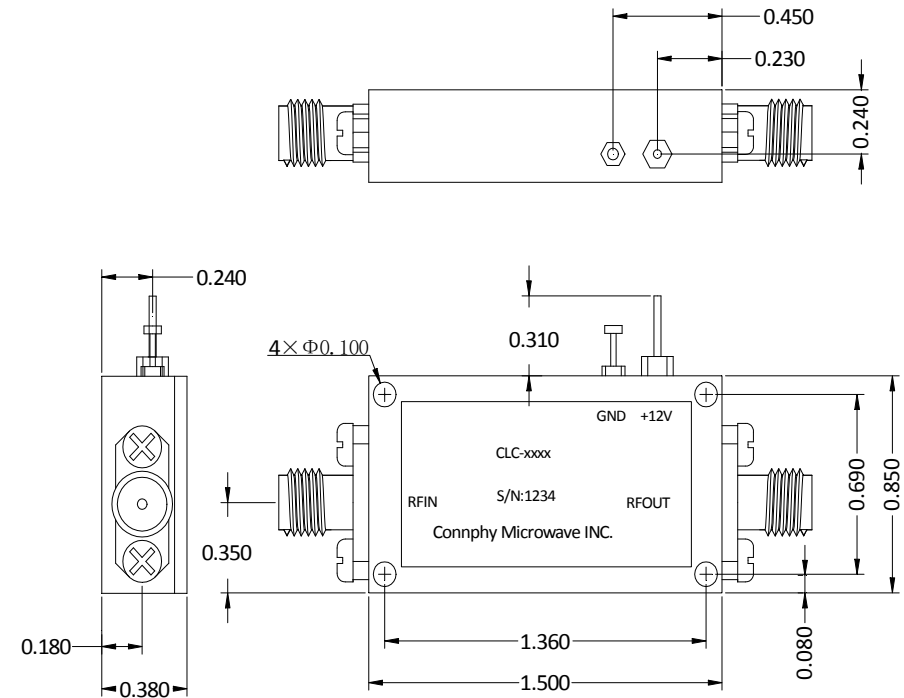
Specifications:


Frequency: 0.5-3.0 GHz
 Gain: 33 dB Typ, 31 dB Min
 Gain Flatness: ± 0.75 dB Typ, ± 1.0 dB Max,
 Noise Figure: 1.4 dB Typ, 1.6 dB Max
 Output P1dB: +10 dBm Min
 VSWR Input: 1.4:1 Typ , 1.7:1 Max
 VSWR Output: 1.4:1 Typ , 1.7:1 Max
 Reverse Isolation: 50 dB Typ
 Spurious: -60 dBc
 DC Voltage: +10 V to +15 V DC
 DC Supply Current: 90mA 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 CLC-0.5G3G-3314-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.