

CLN-0.1G20G-1930-S is a Low Noise Amplifier providing a gain of 19 dB with a noise figure of 3.0 dB. The compact size and modularity makes it ideal for a wide range of applications.

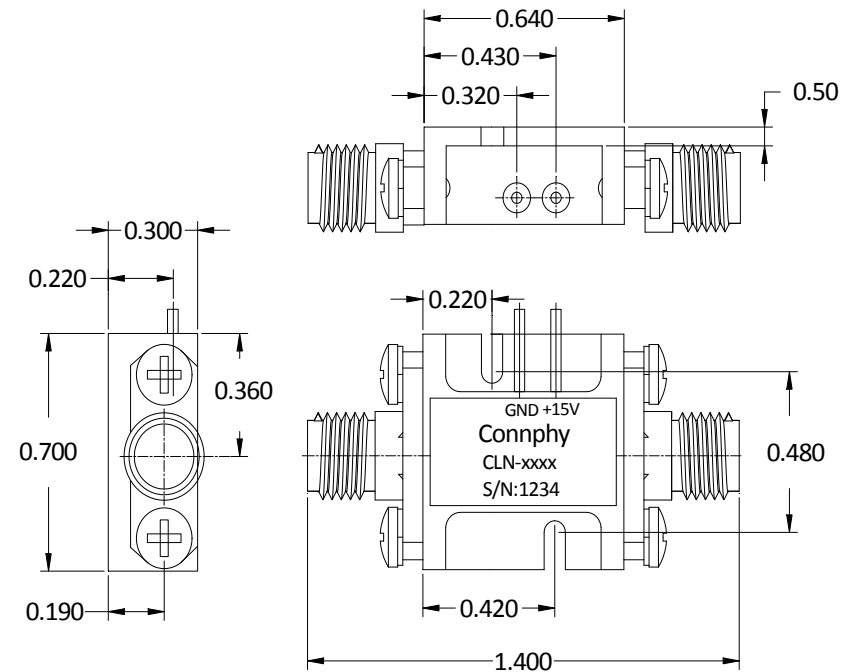
Features:

- Frequency Range: 0.1-20 GHz
- Gain: 19 dB Min
- Noise Figure: 3.0 dB Max
- Solder filtered pins for DC connection
- Low VSWR, unconditional stable

Specifications:


Frequency: 0.1- 20 GHz
 Gain: 19 dB Min
 Gain Flatness: ±2.5 dB Max
 Noise Figure: 3.0 dB Max
 Output P1dB: 10 dBm Min
 VSWR Input: 2.5:1 Max
 VSWR Output: 2.5:1 Max
 DC Voltage: +15 V DC
 DC Supply Current: 150 mA Max
 NOTE:Noise figures increase below 500 MHz

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 CLN-0.1G20G-1930-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.