

**CLC-31G32G-3035-K** is a Low Noise Amplifier providing a gain of 32 dB with a noise figure of 2.5 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Broad band operation from 31.0 GHz to 32.5 GHz
- Low VSWR, unconditional stable
- Small size, low cost
- 2.92 female connector I/O

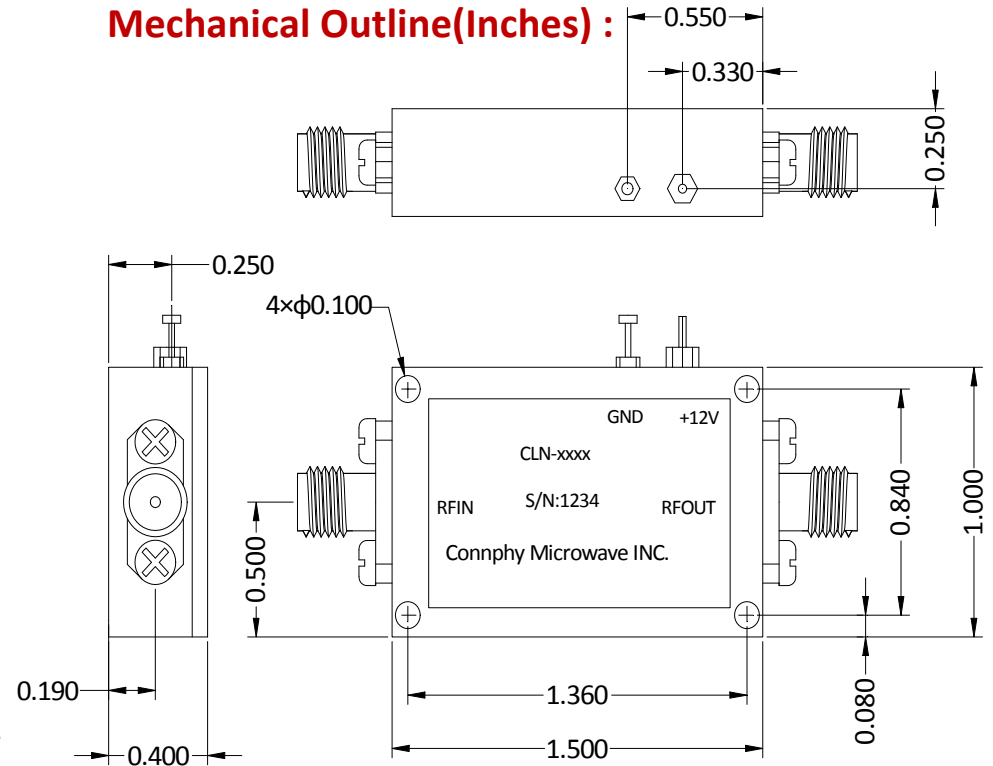
**Specifications:**


Frequency:	31.0- 32.5 GHz
Gain:	30 dB Typ, 27 dB Min
Gain Flatness:	±1.0 dB Typ, ±1.25 dB Max
Noise Figure:	3.5 dB Typ, 4.0 dB Max
Output P1dB:	10 dBm Min
Output IP3:	16 dBm Min
Spurious:	-60 dBc Max
VSWR Input:	2.0:1 Typ
VSWR Output:	2.0:1 Typ
DC Voltage:	+6 V to +12 V DC
DC Supply Current:	120 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) :**



Low Noise Amplifier CLC-31G32G-3035-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 14/05/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.