

CLN -21G24G-3822-S is a 21 to 24 GHz, low noise amplifier that provides 38 dB gain, a typical noise figure of 2dB and offers an P1dB of 20 dBm min.

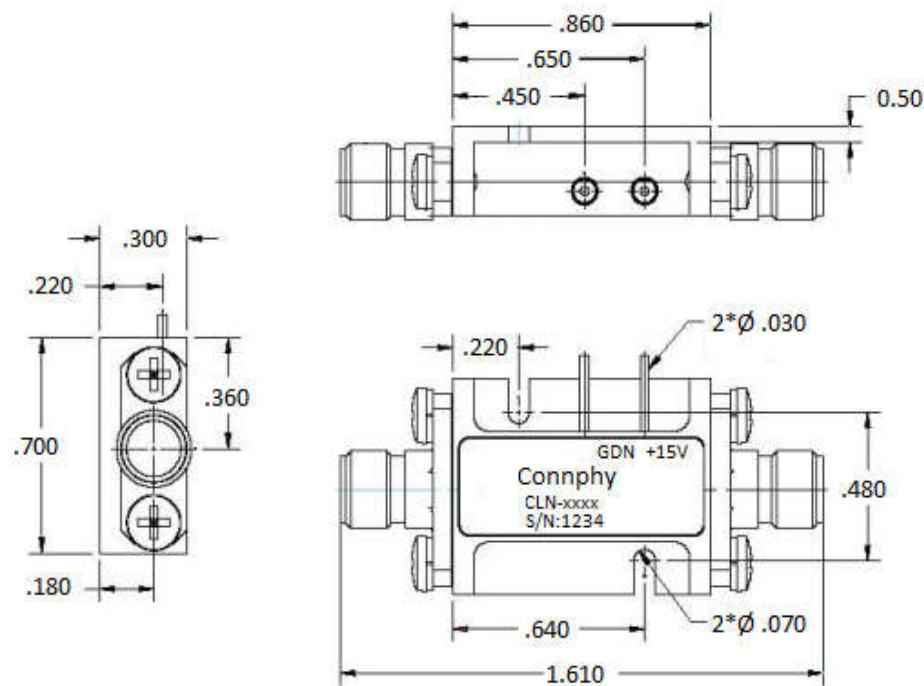
Features:

- 21.0 to 24.0 GHz Frequency
- Internal DC regulator
- Reverse Voltage Protection
- State-of-the-Art PHEMT Technology

Specifications:

Frequency:	21.0- 24.0 GHz
Gain:	38 dB Min
Gain Flatness:	± 1.5 dB Max
Noise Figure:	2.2 dB Max
OP1dB:	20 dBm Min
VSWR Input:	1.8:1 Max
VSWR Output:	1.8:1 Max
DC Voltage Supply:	+15 V DC
DC Current Draw:	200 mA Typ
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 CLN -21G24G-3822-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.