

CLC-2G6G-4009-S is a Low Noise Amplifier providing a gain of 40 dB with a noise figure of 0.9 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 2.0-6.0 GHz
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O

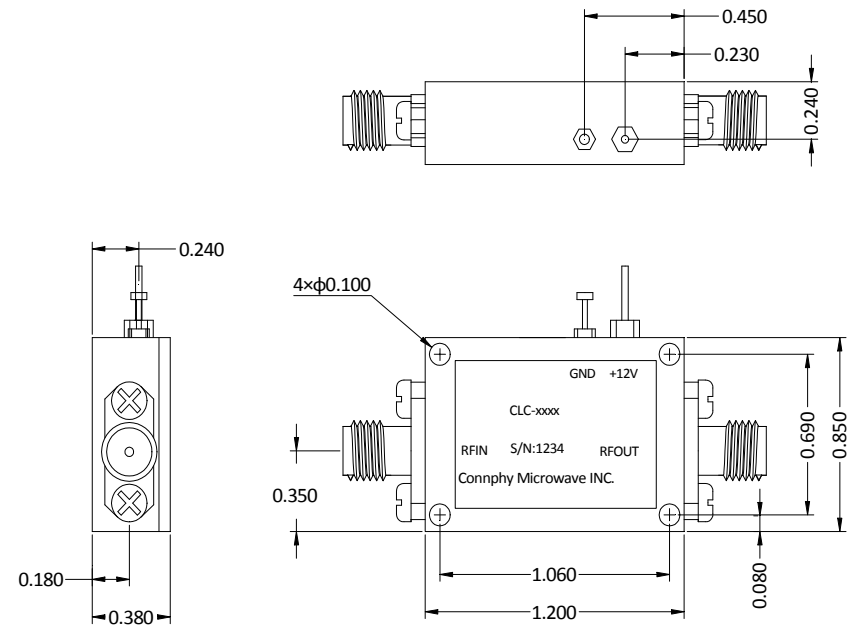
Specifications:


Frequency:	2.0- 6.0 GHz
Gain:	40 dB Typ, 37 dB Min
Gain Flatness:	±1.25 dB Typ, ± 1.5 dB Max
Gain Variation@OTR:	±1.5 dB Typ
Noise Figure:	0.9 dB Typ, 1.1 dB Max
Output P1dB:	12 dBm Min
VSWR Input:	2.0:1 Max
VSWR Output:	2.2:1 Max
Spurious:	-60 dBc
DC Voltage:	+8 V to +15 V DC
DC Supply Current:	90 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-2G6G-4009-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.