CLC-2G18G-1330-S is a Low Noise Amplifier providing a gain of 13 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: 2.0-18.0 GHz
- Typical N.F. :3.0 dB
- Typical Gain :13 dB
- Small size, low cost
- SMA female connector I/O

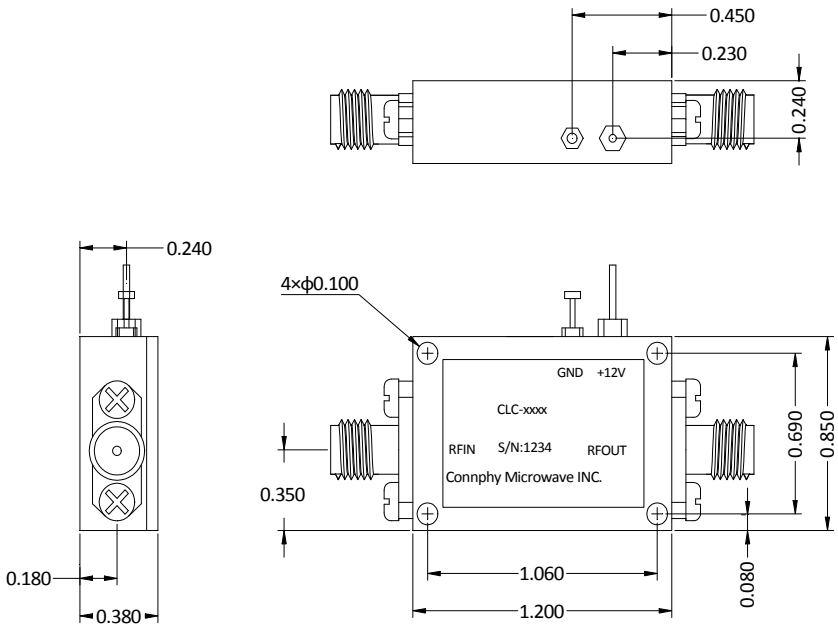
Specifications:

Frequency:	2.0-18.0 GHz
Gain:	13 dB Typ
Gain Flatness:	± 1.5 dB Typ
Gain Variation:	± 1.0 dB Typ
Noise Figure:	3.0 dB Typ, 5.0 dB Max
Output P1dB:	13 dBm Min
Output IP3:	23 dBm Typ
VSWR Input:	2.0:1 Typ
VSWR Output:	2.0:1 Typ
DC Voltage:	+12 V DC
DC Supply Current:	70 mA Typ
RF Connector:	SMA Female

Environmental Ratings:

Temperature:	-40ºC to +75 ºC Operating
	-55 ºC to +125 ºC 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-2G18G-1330-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc. 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.