

CLN-18G40G-3335-K is a Low Noise Amplifier providing a gain of 30 dB with a noise figure of 3.5 dB. The compact size and modularity makes it ideal for a wide range of applications.

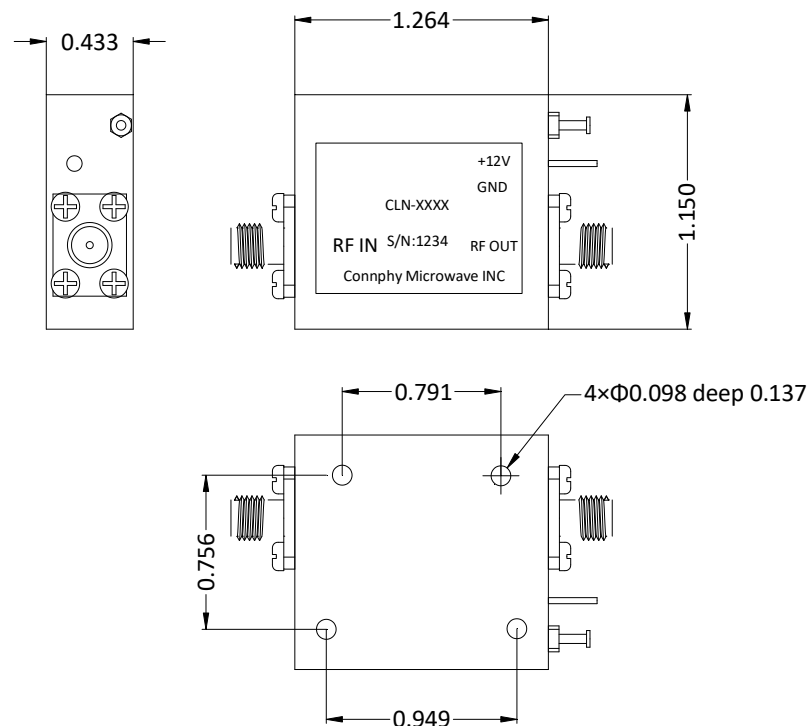
Features:

- Frequency Range:18.0 - 40.0 GHz
- Gain: 30 dB Typ
- Figure: 3.5dB Typ
- Unconditionally Stable
- Solder filtered pins for DC connection

Specifications:

Frequency:	18.0-40.0 GHz
Gain:	30 dB Typ
Gain Flatness:	±2.5 dB Max
Noise Figure:	3.5 dB Typ, 4.0 dB Max
Output P1dB:	12 dBm Min
VSWR Input:	2.2:1 Max
VSWR Output:	2.2:1 Max
DC Voltage:	+11 V to +13 V DC
DC Supply Current:	95 mA Typ
RF Connector:	2.92mm female

Mechanical Outline(Inches):



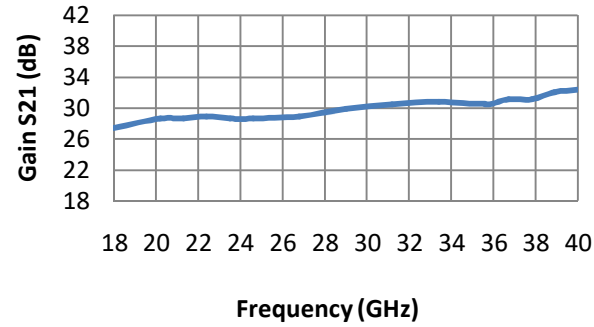
Environmental Ratings:

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

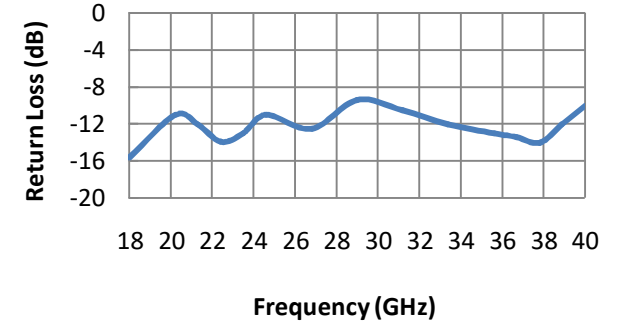
Low Noise Amplifier CLN-18G40G-3335-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 08/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE:	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Typical Performance Data:

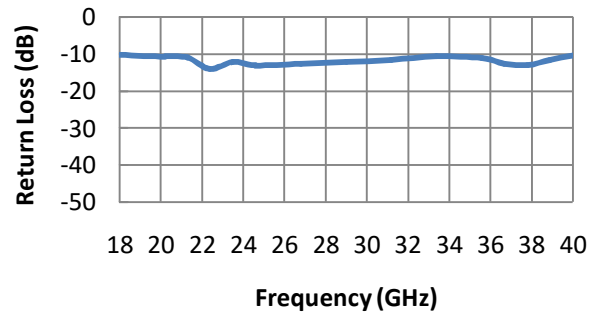
Gain S21



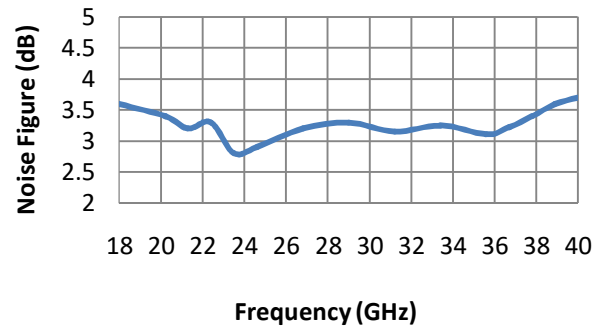
S11



S22




Noise Figure



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Altitude:	MIL-STD-202F, Method 105C Cond. B
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