**CLN-26G40G-3030-K** is a Low Noise Amplifier providing a gain of 30 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: 26.5-40 GHz

• Gain: 30 dB Min

• Noise Figure: 3.5 dB Max

• Solder filtered pins for DC connection

• Low VSWR, unconditional stable

### **Specifications:**

Frequency: 26.5-40 GHz
Gain: 30 dB Min

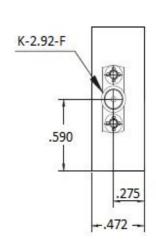
Gain Flatness: ±1.5 dB Max

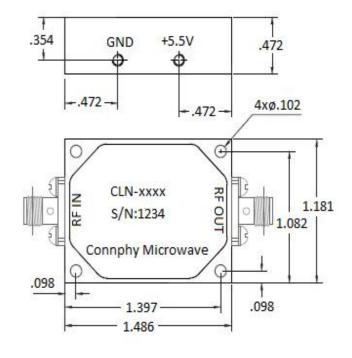
Noise Figure: 3.0 dB Typ, 3.5 dB Max

Output P1dB: 8 dBm Typ
VSWR Input: 2.1:1 Max
VSWR Output: 2.1:1 Max
DC Voltage: +5.5 V Typ
DC Supply Current: 70 mA Typ

RF Connector: 2.92mm female

# **Mechanical Outline(Inches):**





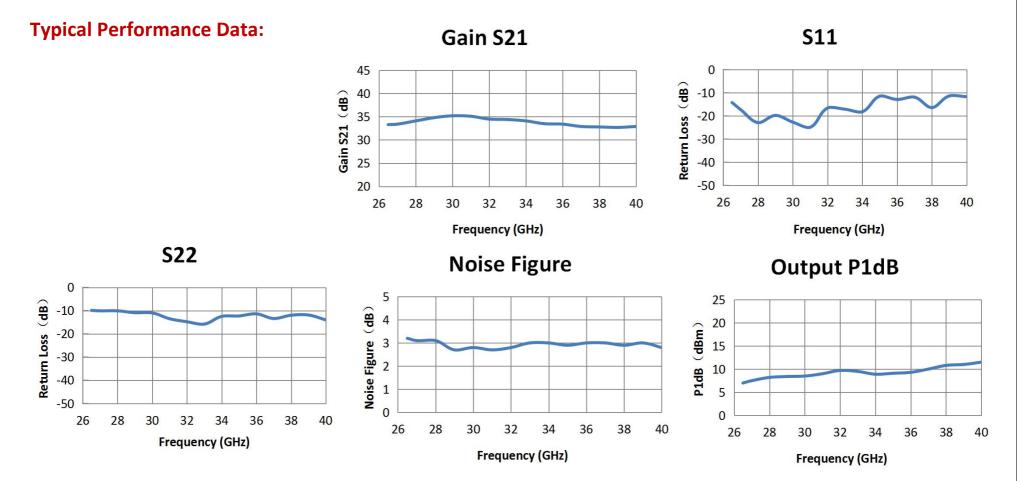
## **Environmental Ratings:**

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-26G40G-3030-K				
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc.	
CHECKRD:	DATE: 14/05/15	SHEET: 1 OF 2	www.connphy.com sales@connphy.com	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.	



Note: Test data taken with case temperature of +23 °C

# **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
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