

**CMP-6G12G-4020-S** is a wideband medium power amplifier providing up to 20 dBm and a gain of 40 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 6 to 12 GHz
- P1dB: 20 dBm Min
- Flat Small Signal Gain: 40 dB Min
- Small size, low cost
- Unconditionally Stable

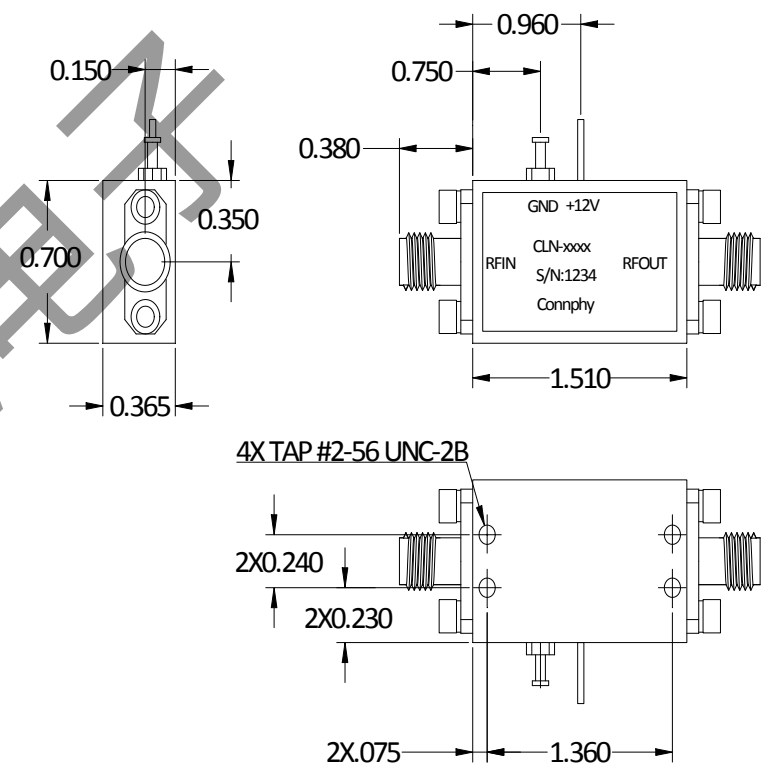
**Specifications:**

Frequency:	6.0-12.0 GHz
Gain:	40 dB Min
Gain Flatness:	± 1.5 dB Max
Noise Figure:	3.3 dB Max
Output P1dB:	20 dBm Min
Output IP3:	29 dBm Typ
VSWR Input:	2.2:1 Max
VSWR Output:	2.2:1 Max
DC Voltage:	+9V to +15 V DC
DC Supply Current:	370 mA Typ
RF Connectors:	SMA Female

**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) :**



Medium Power Amplifier CMP-6G12G-4020-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@qiidao.com">sales@qiidao.com</a>
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.