

**CMP-2G2.8G-3035-S** is a S Band Amplifier providing up to 35 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- 3Watt output P-1dB power over 2.0-2.8GHz
- high gain with good gain flatness
- Low VSWR, unconditional stable
- SMA female connector I/O

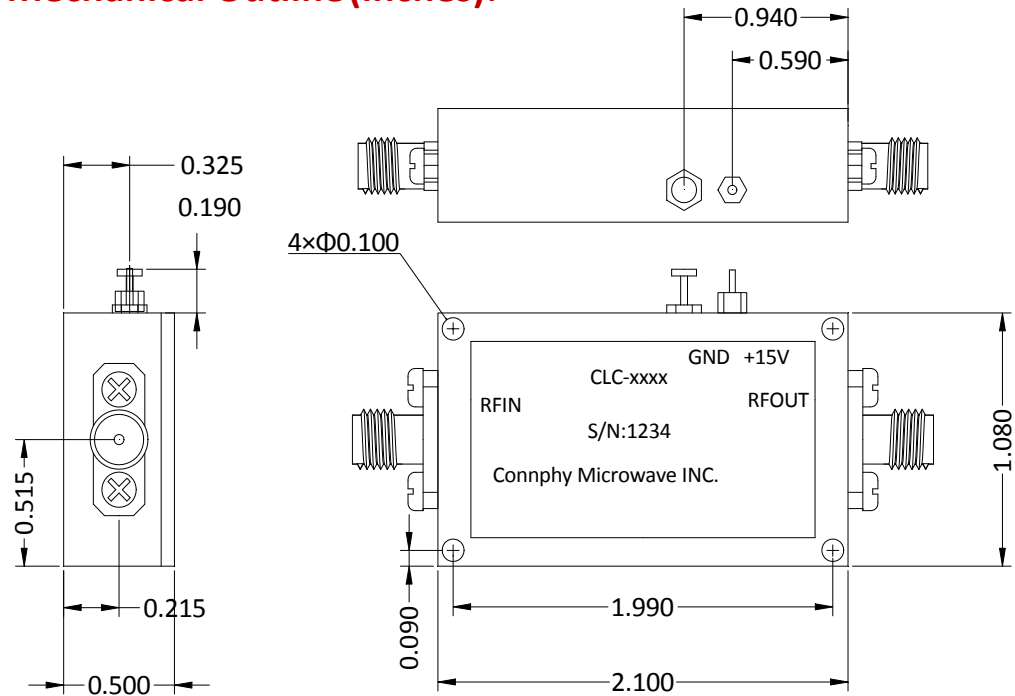
**Specifications:**


Frequency:	2.0 - 2.8 GHz
Gain:	30 dB Typ, 28 dB Min
Gain Flatness:	±1.25 dB Max
Noise Figure:	5.0 dB Typ, 6.0 dB Max
Output P1dB:	35 dBm Typ, 34 dBm Min
VSWR Input:	1.5:1 Typ, 1.8:1 Max
VSWR Output:	1.7:1 Typ, 2.0:1 Max
Reverse Isolation :	45 dB Typ
DC Voltage Supply:	+11.5 V to 12.5 V DC
DC Current Draw:	1000 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):**



Medium Power Amplifier CMP-2G2.8G-3035-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 18/04/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.