

**CMP-2G18G-1528-S** is a wideband medium power amplifier providing up to 28 dBm and a gain of 15 dB. The compact size and modularity makes it ideal for a wide range of applications.

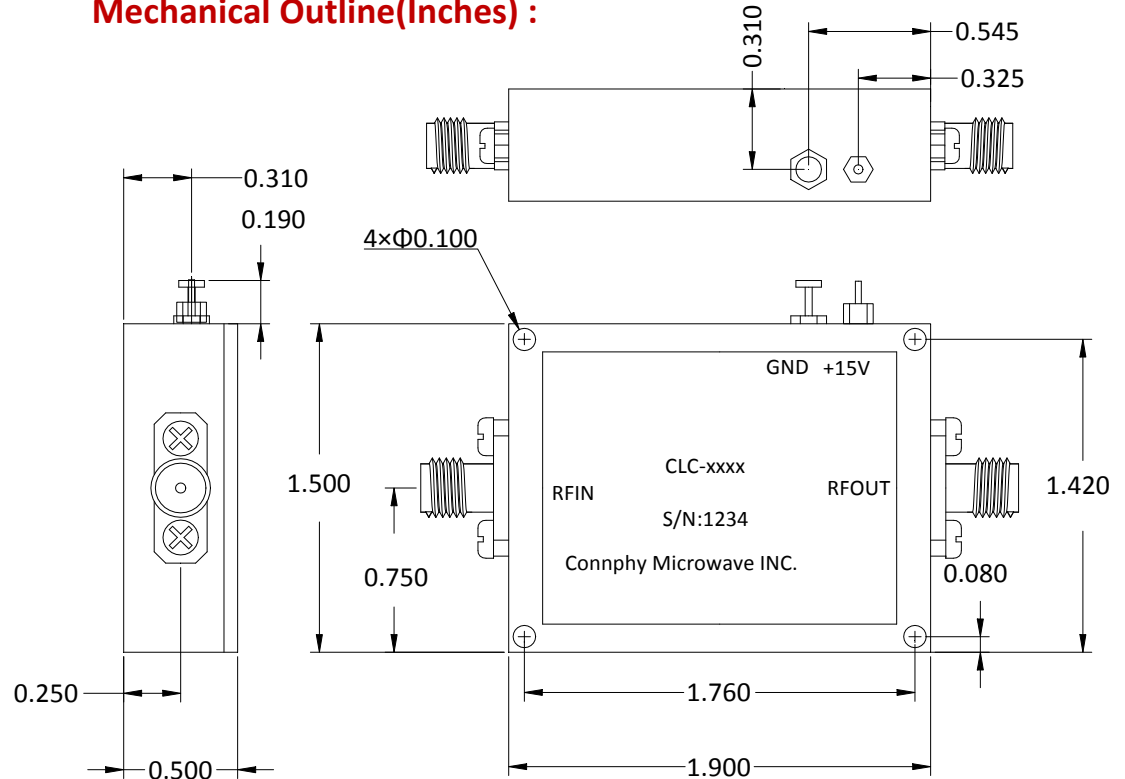
**Features:**

- Frequency Range: 2 to 18 GHz
- P1dB: 28 dBm Typ
- Flat Small Signal Gain: 15 dB Typ
- Small size, low cost
- Unconditionally Stable

**Specifications:**


Frequency:	2.0-18.0 GHz
Gain:	15 dB Typ
Gain Flatness:	±2.0 dB Max
Output P1dB:	28 dBm Typ
Output IP3 :	36 dBm Typ
Non-Harmonic Spurious:	-60 dBc Max
Reverse Isolation:	30 dB Typ
VSWR Input:	2.0:1 Typ
VSWR Output:	2.0:1 Typ
DC Voltage:	+12 V DC
DC Supply Current:	1200 mA Typ
RF Connector:	SMA 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

Medium Power Amplifier CMP-2G18G-1528-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: 25/10/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.