

CMC-0.4G6G-3628-S is a wideband medium power amplifier providing up to 28 dBm and a gain of 36 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 0.4 to 6 GHz
- P1dB: 28 dBm Min
- Flat Small Signal Gain: 36 dB Typ
- Unconditionally Stable

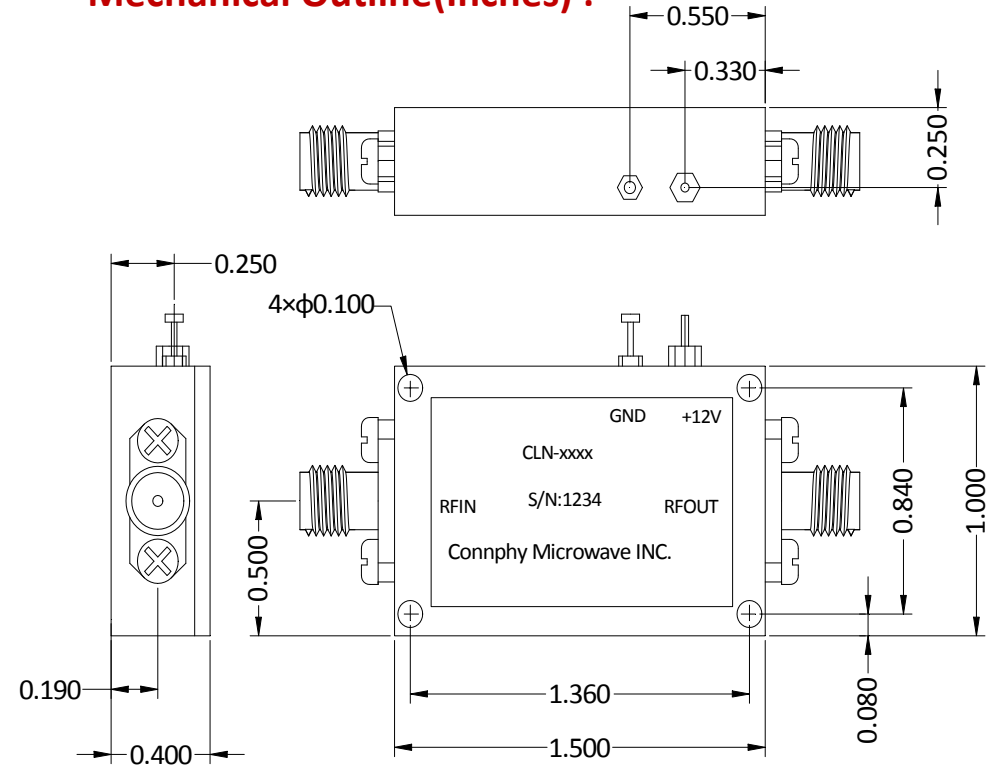
Specifications:


Frequency:	0.4- 6.0 GHz
Gain:	36 dB Typ , 34 dB Min
Gain Flatness:	±1.0 dB Typ, ± 1.5 dB Max
Output P1dB:	28 dBm Min
Output IP3:	35 dBm Typ
VSWR Input:	1.8:1 Typ, 2.0:1 Max
VSWR Output:	2.0:1 Typ, 2.5:1 Max
Noise Figure:	5.0 dB Typ, 6.0 dB Max
Non-Harmonic Spurious:	-60 dBc Max
DC Voltage:	+15 V Typ
DC Supply Current:	530 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 CMC-0.4G6G-3628-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 12/10/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.