

CMC-17G22G-3531-S is a wideband medium power amplifier providing up to 31 dBm and a gain of 35 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 17.0 to 22.0 GHz
- P1dB: 31 dBm Typ
- Flat Small Signal Gain: 35 dB Typ
- Small size, low cost
- Unconditionally Stable

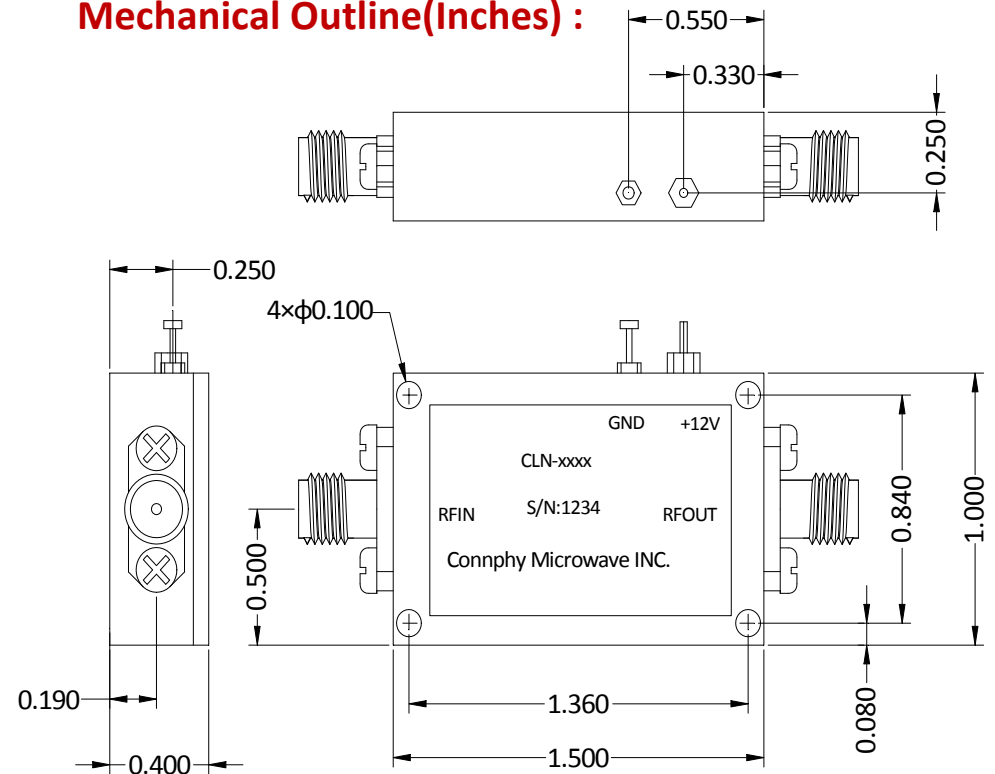
Specifications:


Frequency:	17.0-22.0 GHz
Gain:	35 dB Typ, 32 dB Min
Gain Flatness:	±2.0 dB Typ, ±2.5 dB Max
Output P1dB:	31 dBm Typ, 30 dBm Min
Output IP3:	40 dBm Typ
VSWR Input:	1.8:1 Typ, 2.2:1 Max
VSWR Output:	1.8:1 Typ, 2.2:1 Max
Non-Harmonic Spurious:	-60 dBc Max
DC Voltage:	+10 V Typ
DC Supply Current:	880 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-17G22G-3531-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.