

**CMC-13G15G-4534-S** is a wideband medium power amplifier providing up to 34 dBm and a gain of 45 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 13 to 15.0 GHz
- P1dB: 34 dBm Typ
- Flat Small Signal Gain: 43 dB Typ
- Small size, low cost
- Unconditionally Stable

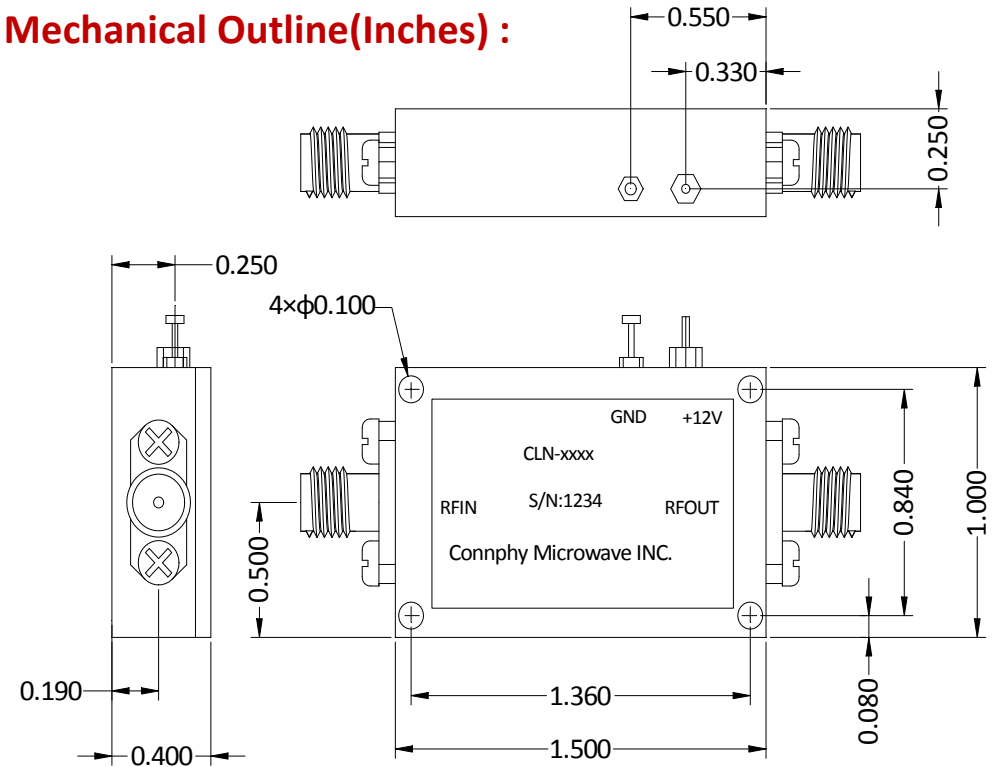
**Specifications:**


Frequency:	13.0-15.0 GHz
Gain:	45dB Typ, 43 dB Min
Gain Flatness:	±1.0dB Typ, ± 1.25 dB Max
Output P1dB:	34dBm Typ, 33dBm Min
Output IP3:	42dBm Typ
VSWR Input	1.7dB Typ, 2.0:1 Max
VSWR Output:	1.7dB Typ, 2.0:1 Max
Non-Harmonic Spurious:	-60dBc Max
DC Voltage:	7±0.5 V Typ
DC Supply Current:	1300mA Typ
RF Connector:	SMA Female

**Environmental Ratings:**

Temperature:	-10°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-13G15G-4534-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: 12/10/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.