

CMC-32G36G-1434-K is a wideband medium power amplifier providing up to 34 dBm and a gain of 14 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 32 to 36 GHz
- P1dB: 34 dBm Typ
- Flat Small Signal Gain: 14 dB Typ
- Small size, low cost
- Unconditionally Stable

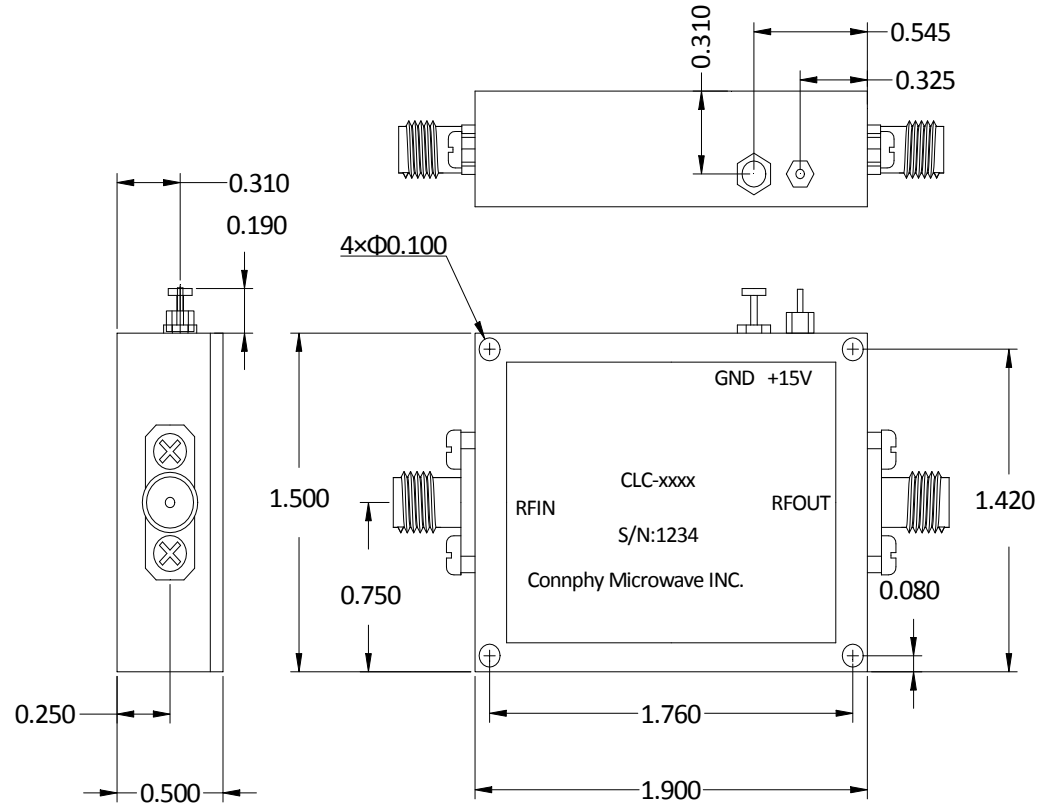
Specifications:


Frequency:	32.0 - 36.0 GHz
Gain:	14dB Typ , 12dB Min
Gain Flatness:	±1.0dB Typ , ± 1.5 dB Max
Output P1dB:	34dBm Typ , 33dBm Min
Output IP3:	42dBm Typ
VSWR Input:	1.8dB Typ , 2.5:1 Max
VSWR Output:	1.8dB Typ , 3.0:1 Max
Reverse Isolation:	30dB Min
Non-Harmonic Spurious:	-60dBc Max
DC Voltage:	9V to 12V
DC Supply Current:	2300mA Typ
RF Connectors:	2.92mm 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-32G36G-1434-K			
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.