

CMC-30M0.5G-1730-S is a wideband medium power amplifier providing up to 30 dBm and a gain of 17 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 30 to 500 MHz
- P1dB: 30 dBm Typ
- Flat Small Signal Gain: 17 dB Typ
- Small size, low cost
- Unconditionally Stable

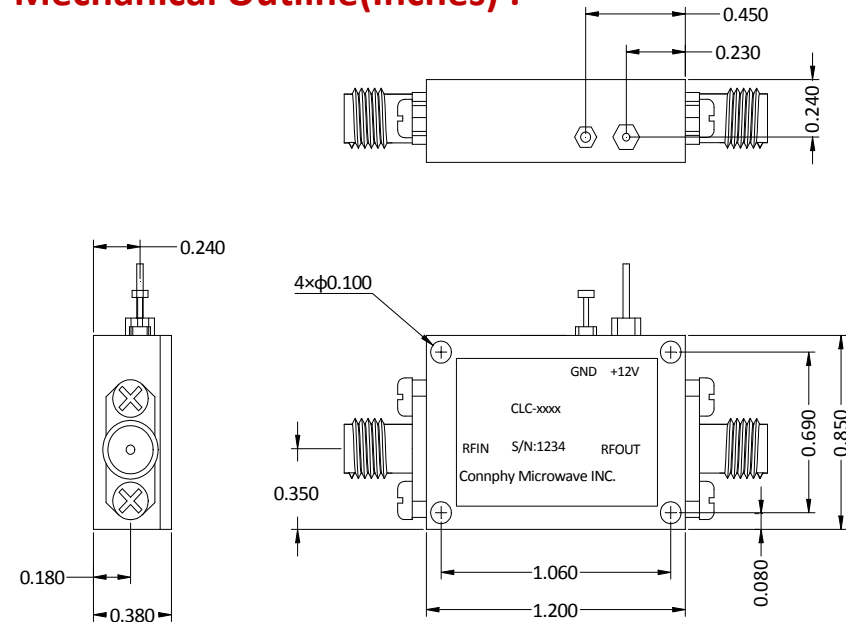
Specifications:


Frequency:	30-500 MHz
Gain:	17 dB Typ, 15 dB Min
Gain Flatness:	±0.8 dB Max
Noise Figure:	3.0 dB Typ, 4.0 dB Max
Output P1dB:	30 dBm Typ, 29 dBm Min
Output IP3:	40 dBm Typ
VSWR Input:	1.6:1 Typ, 2.5:1 Max
VSWR Output:	1.8:1 Typ, 2.5:1 Max
DC Voltage:	+11 V to +13 V DC
DC Supply Current:	320 mA Typ

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-30M0.5G-1730-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.