

CMP-12G18G-2530-S is a wideband medium power amplifier providing up to 30 dBm and a gain of 25 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 12 to 18 GHz
- P1dB: 30 dBm Min
- Flat Small Signal Gain: 25 dB Min
- Small size, low cost
- Unconditionally Stable

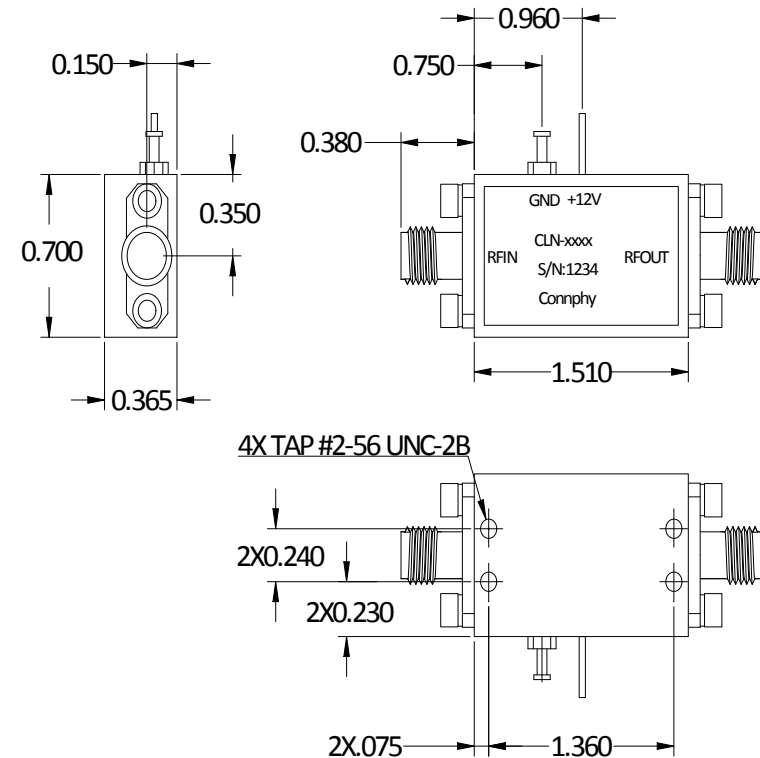
Specifications:

Frequency:	12.0-18.0 GHz
Gain:	25 dB Min
Gain Flatness:	± 2.0 dB Max
Noise Figure:	7.5 dB Max
Output P1dB:	30 dBm Min
Output IP3:	39 dBm Typ
VSWR Input:	2.2:1 Max
VSWR Output:	2.2:1 Max
DC Voltage:	+15 V Typ
DC Supply Current:	1450 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 CMP-12G18G-2530-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc. www.connphy.com sales@connphy.com
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.