

CMP-18G40G-2523-K is a wideband medium power amplifier providing up to 23 dBm and a gain of 25 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 18 to 40 GHz
- P1dB: 23 dBm Min
- Flat Small Signal Gain: 25 dB Min
- Small size, low cost
- Unconditionally Stable

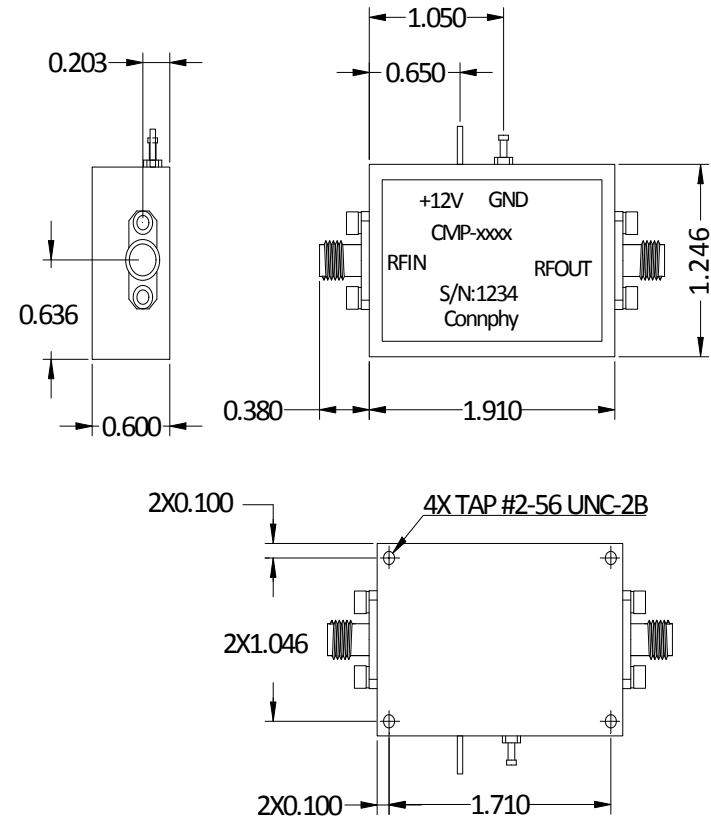
Specifications:


Frequency:	18-40 GHz
Gain:	25 dB Min
Gain Flatness:	± 3.0 dB Max
Noise Figure:	8.0 dB Max
Output P1dB:	23 dBm Min
Output IP3:	33 dBm Typ
VSWR Input:	2.5:1 Max
VSWR Output:	2.5:1 Max
DC Voltage:	+15 V Typ
DC Supply Current:	1600 mA 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 CMP-18G40G-2523-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 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.