

CMP-18G26.5-3033-K is a wideband medium power amplifier providing up to 33 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- Frequency Range: 18 to 26.5 GHz
- P1dB: 33 dBm Min
- Flat Small Signal Gain: 30 dB Min
- Small size, low cost
- Unconditionally Stable

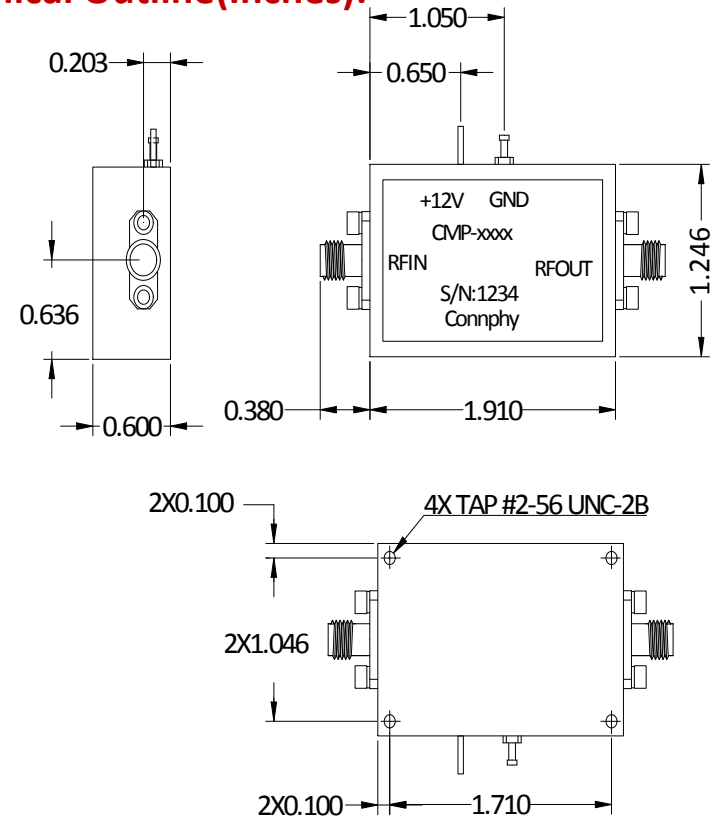
Specifications:


Frequency:	18.0-26.5 GHz
Gain:	30 dB Min
Gain Flatness:	± 2.0 dB Max
Noise Figure:	7.0 dB Max
Output P1dB:	33 dBm Min
Output IP3 :	42 dBm Typ
VSWR Input:	2.0:1 Max
VSWR Output:	2.0:1 Max
DC Voltage:	+15 V Typ
DC Supply Current:	2800 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

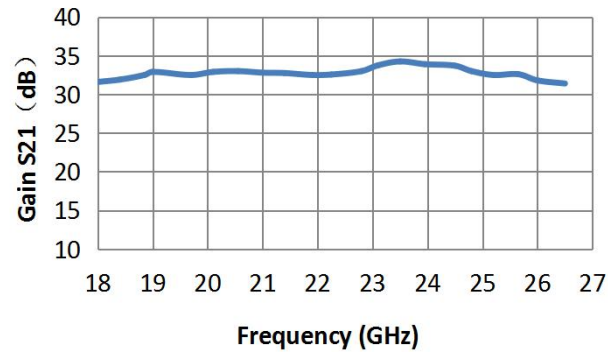
Mechanical Outline(Inches):



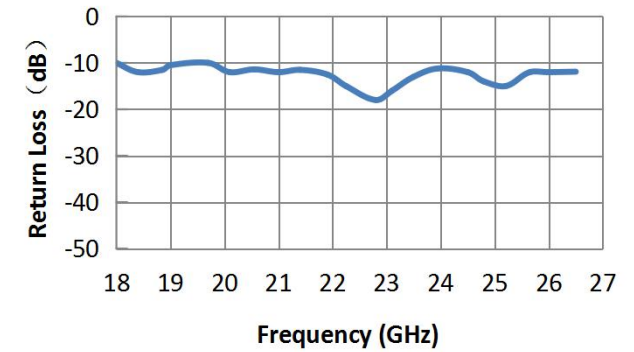
Medium Power Amplifier CMP-18G26.5-3033-k			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Mechanical Outline(Inches):

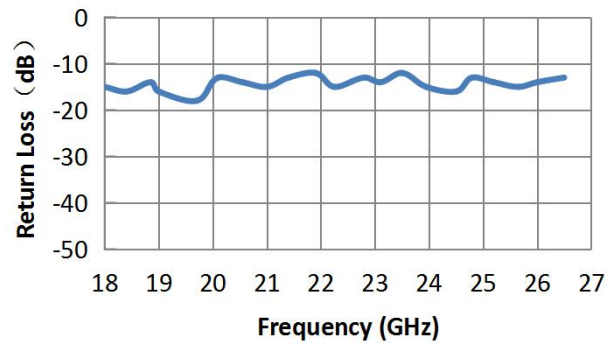
Gain S21



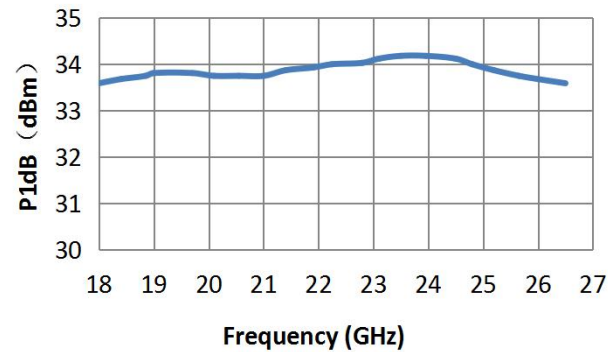
S11



S22



Output P1dB



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

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