

CMP-26G40G-2528-K is a Ka Band Amplifier providing up to 28 dBm at saturation and a gain of 25 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

- 26.5-40 GHz full Ka-band operation frequency
- Built-in DC Voltage regulation
- High Output Power
- Heat Sink Fan is optional

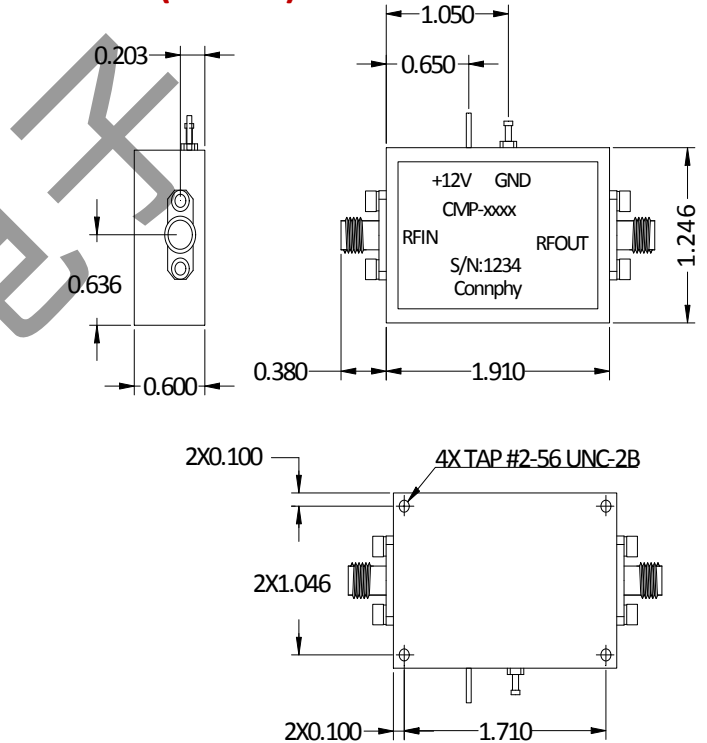
Specifications:


Frequency:	26.0 GHz to 40.0 GHz
Gain:	25 dB Min, 40 dB Max
Gain Flatness:	+/-3 dB Max
Noise Figure:	8.0 dB Typ
Psat:	27.5 dBm Typ
Input Pwr:	20 dBm Max
Input VSWR:	2.5:1 Max
Output VSWR:	2.5:1 Max
DC Voltage:	+12 to +15 VDC
DC Current:	2650 mA Typ
Connectors:	2.92mm female

Environmental Ratings:

Temperature:	0°C to +50 °C Operating -25 °C to +75 °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

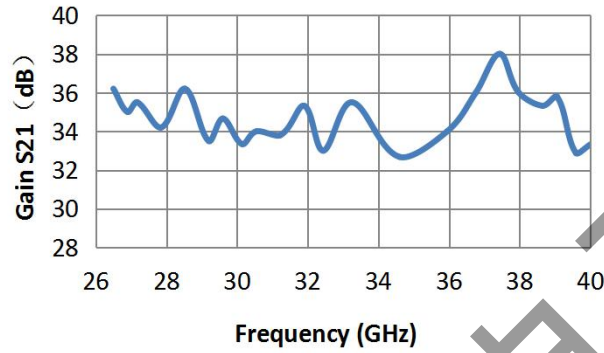
Mechanical Outline(Inches) :



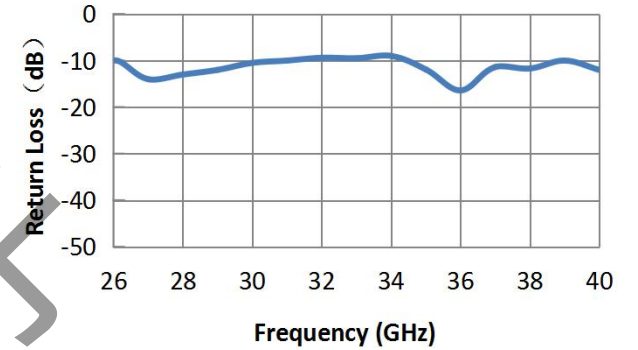
Medium Power Amplifier CMP-26G40G-2528-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@qidao.com
CHECKRD:	DATE: 08/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Typical Performance Data:

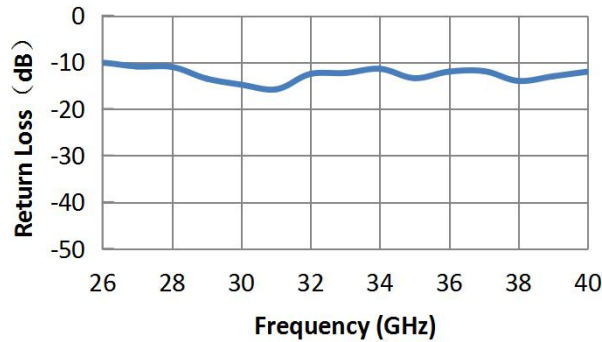
Gain S21



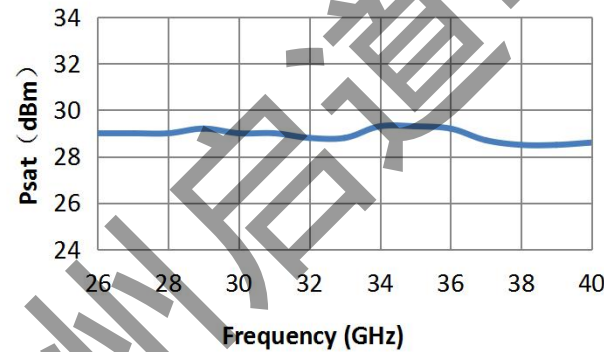
S11



S22



Output PsatdB



Environmental Ratings:

Temperature: 0°C to +50 °C Operating
 -25 °C to +75 °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

**Medium Power Amplifier
 CMP-26G40G-2528-K**

DRAWN:	DWG NO.:	REV CODE: Rev.1.0
CHECKRD:	DATE: 08/07/15	SHEET : 2 OF 2
ISSUED:	SIZE: A	SCALE : N / A

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