

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

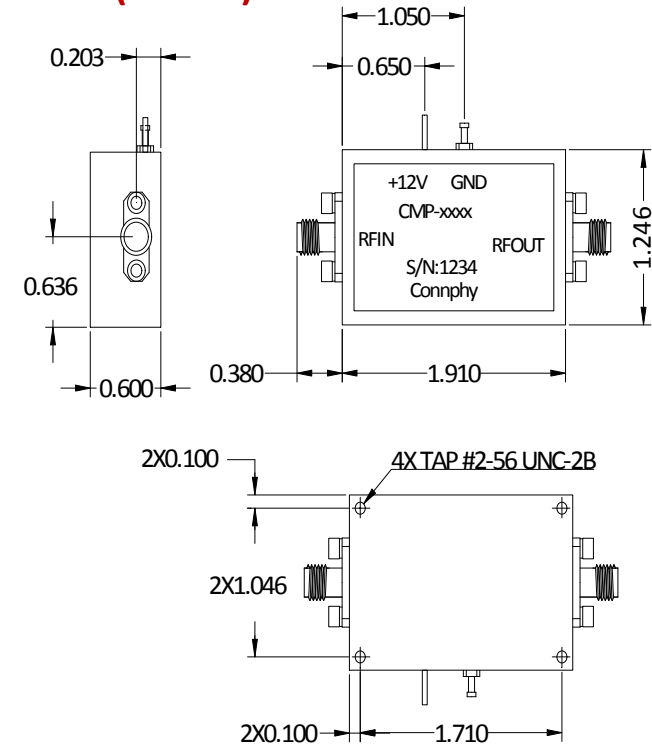
Specifications:


| | |
|----------------|----------------------|
| 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 |

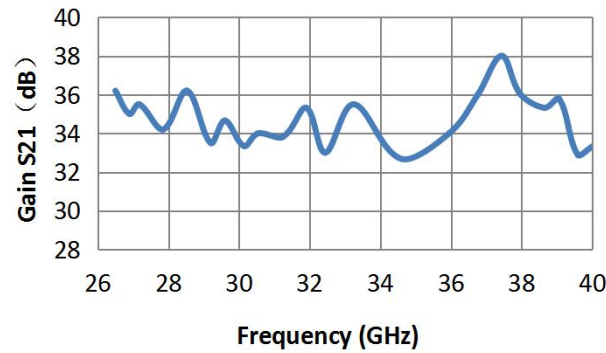
Mechanical Outline(Inches) :



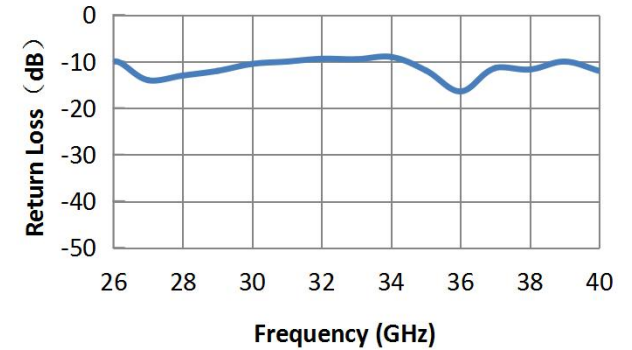
| Medium Power Amplifier CMP-26G40G-2528-K | | | |
|---|-------------------|----------------------|---|
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 |  www.connphy.com sales@connphy.com |
| CHECKRD: | DATE: 08/07/15 | SHEET : 1 OF 2 | |
| ISSUED: | SIZE: A | SCALE : N / A | Notes: SPEC ARE SUBJECT TO CHANGE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

Typical Performance Data:

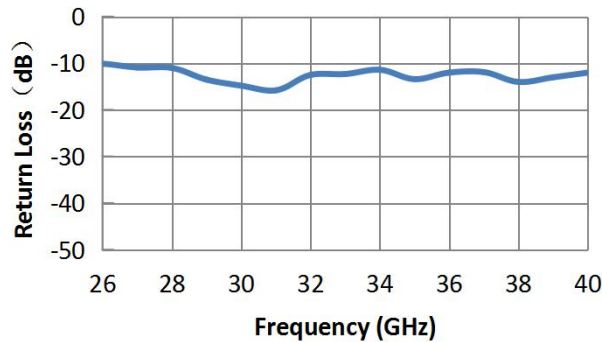
Gain S21



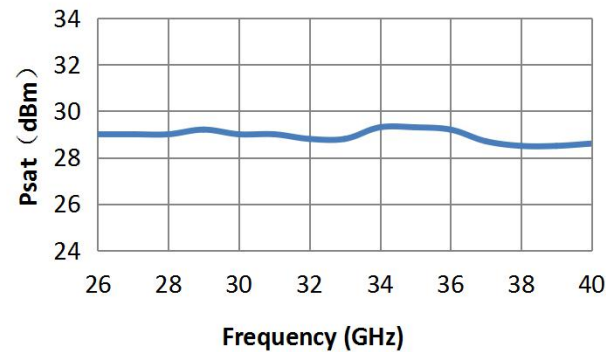
S11



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

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