

**CMP-0.1G40G-3020-K** is a wideband medium power amplifier providing up to 22 dBm and a gain of 28 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 0.1 to 40 GHz
- Output Psat:22 dBm Typ
- Flat Small Signal Gain: 30 dB Typ
- Small size, low cost
- Unconditionally Stable

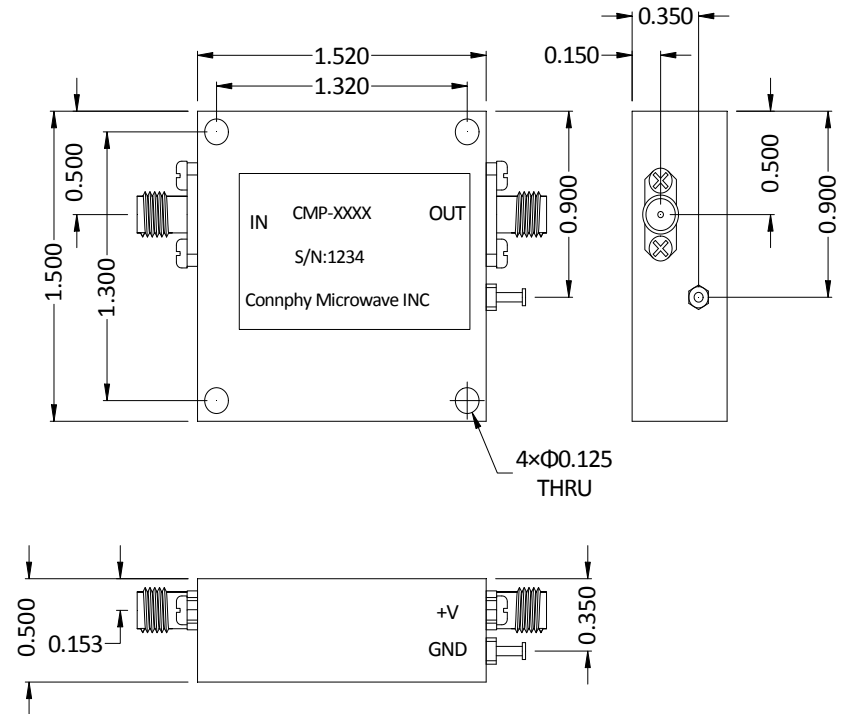
**Specifications:**


Frequency:	0.1-40 GHz
Gain:	30dB Typ, 28 dB Min
Gain Flatness:	±3.0 dB Max
Output Psat:	22 dBm Typ, 18 dBm Min
Output IP3:	27 dBm Typ
VSWR Input:	2.5:1 Typ
VSWR Output:	2.5:1 Typ
DC Voltage:	+12 V to +12.6 V DC
DC Supply Current:	400 mA Typ
RF Connector:	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

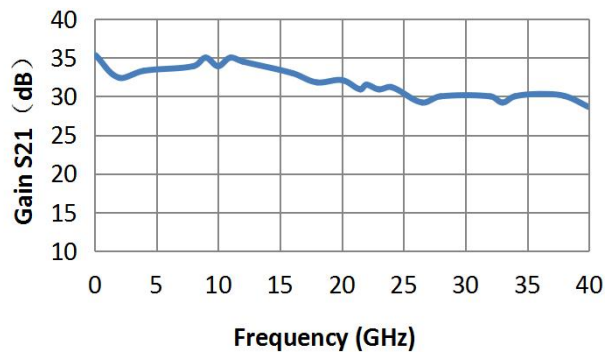
**Mechanical**



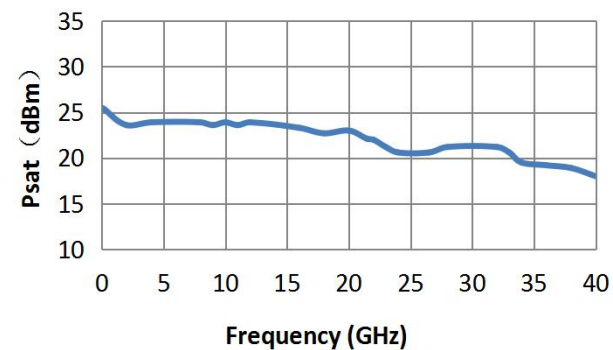
Medium Power Amplifier CMP-0.1G40G-3020-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

## Typical Performance Data:

### Gain S21




### Output Psat



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CHECKRD:	DATE: 15/07/15	SHEET : 2 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
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