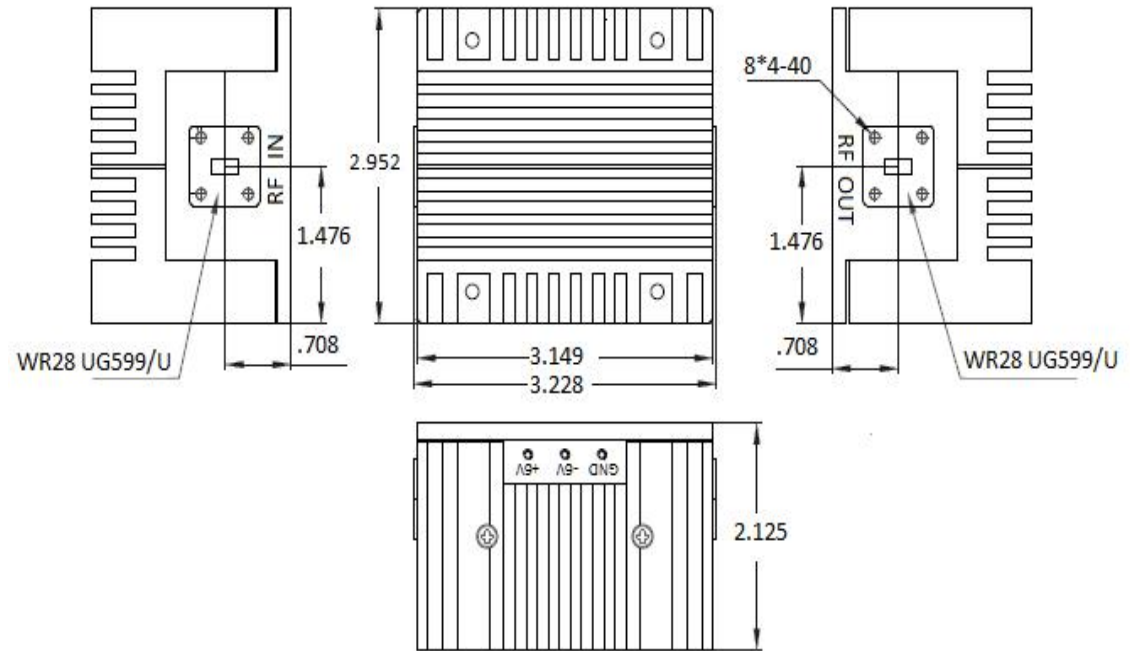


**CMP-26G40G-3027-K** is a wideband medium power amplifier providing up to 27 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 26 to 40 GHz
- P1dB: 25 dBm Min
- Flat Small Signal Gain: 30 dB Min
- Small size, low cost
- Unconditionally Stable

**Mechanical Outline(Inches):**




**Specifications:**

Frequency:	26.0-40.0 GHz
Gain:	30 dB Min
Output P1dB:	25 dBm Typ, 24 dBm Min
Output Psat:	27.5 dBm Typ
VSWR Input:	2.0:1 Typ
VSWR Output:	2.0:1 Typ
DC Voltage:	+6.0 V /1.5 A Typ
DC Supply Current:	-5.0 V/100 mA Typ
RF Connectors:	WR28 (2.92 connector is optional)

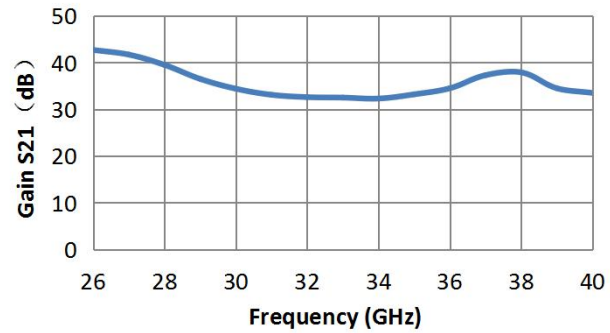
**Environmental Ratings:**

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

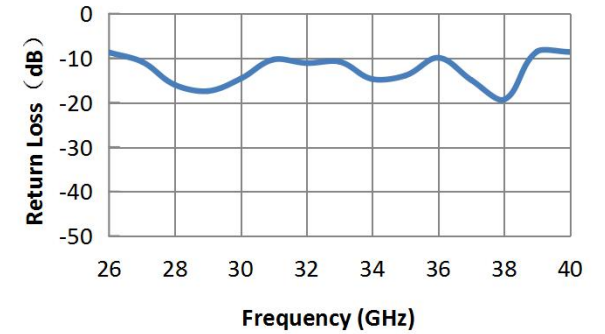
Medium Power Amplifier CMP-26G40G-3027-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

## Typical Performance Data:

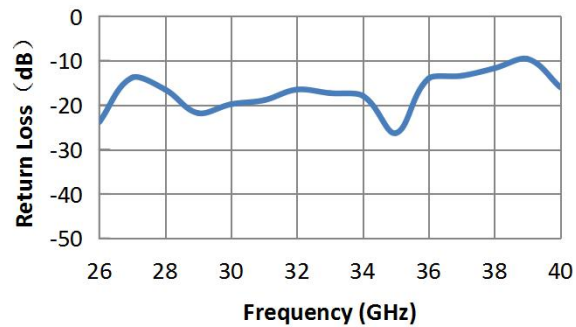
### Gain S21



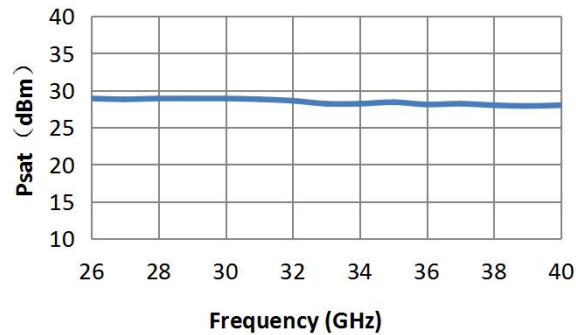
### S11



### S22




### Psat



## 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

### Medium Power Amplifier CMP-26G40G-3027-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 : 2 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.