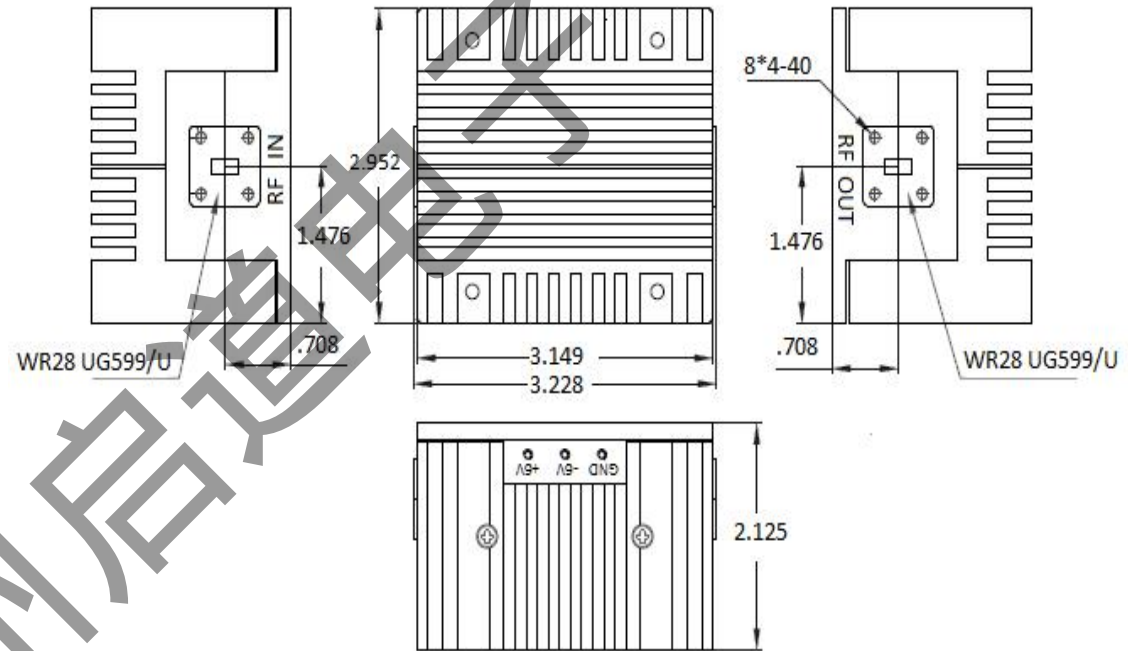


CMP-26G40G-3027-K is a wideband medium power amplifier providing up to 27 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

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)

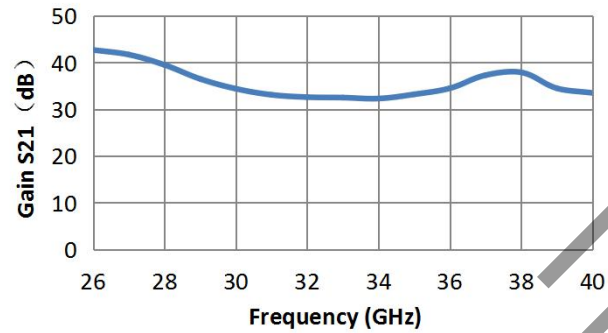
Environmental Ratings:

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

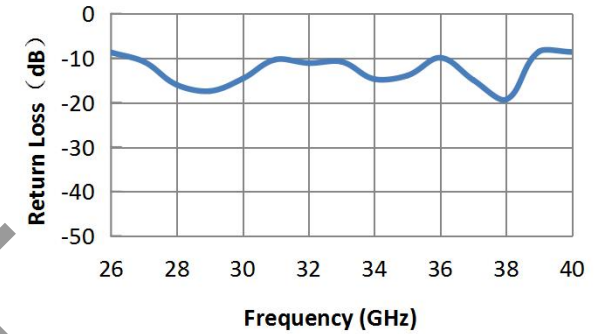
Medium Power Amplifier CMP-26G40G-3027-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@qidao.com
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Typical Performance Data:

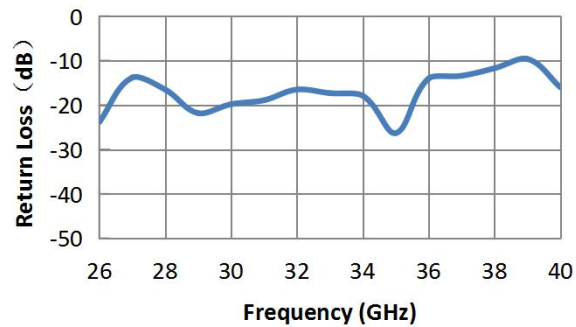
Gain S21



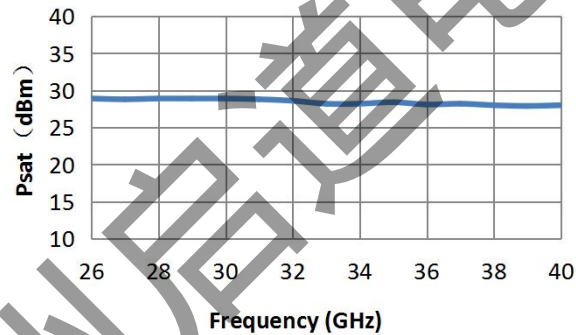
S11



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	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 15/07/15	SHEET : 2 OF 2	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.