

**CMP-23G28G-2424-S** is a wideband medium power amplifier providing up to 24 dBm and a gain of 24 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 23 to 28 GHz
- P1dB: 24 dBm Min
- Flat Small Signal Gain: 24 dB Min
- Small size, low cost
- Unconditionally Stable

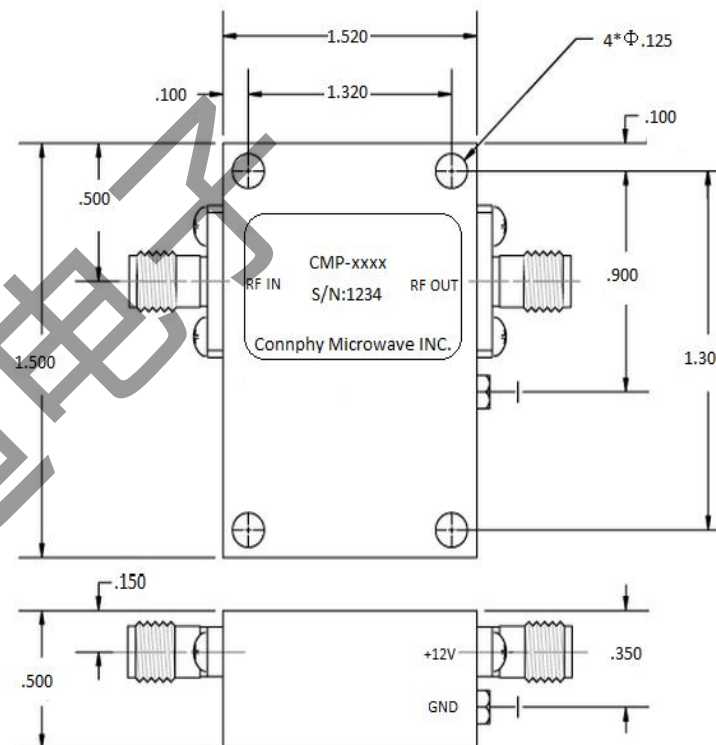
**Specifications:**


Frequency: 23.0-28.0 GHz  
 Gain: 24 dB Min  
 Gain Flatness: ±1.0 dB Max  
 Output P1dB: 24 dBm Min  
 VSWR Input: 2.0:1 Max  
 VSWR Output: 2.5:1 Max  
 DC Voltage: +12V ±5% DC  
 DC Supply Current: 600 mA Typ  
 RF Connectors: 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 Outline(Inches) :**



Medium Power Amplifier CMP-23G28G-2424-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@qiidao.com">sales@qiidao.com</a>
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.