

**CMC-14G25G-2723-K** is a wideband medium power amplifier providing up to 23 dBm and a gain of 27 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 14.0 to 25.0 GHz
- P1dB: 23 dBm Typ
- Flat Small Signal Gain: 27 dB Typ
- Small size, low cost
- Unconditionally Stable

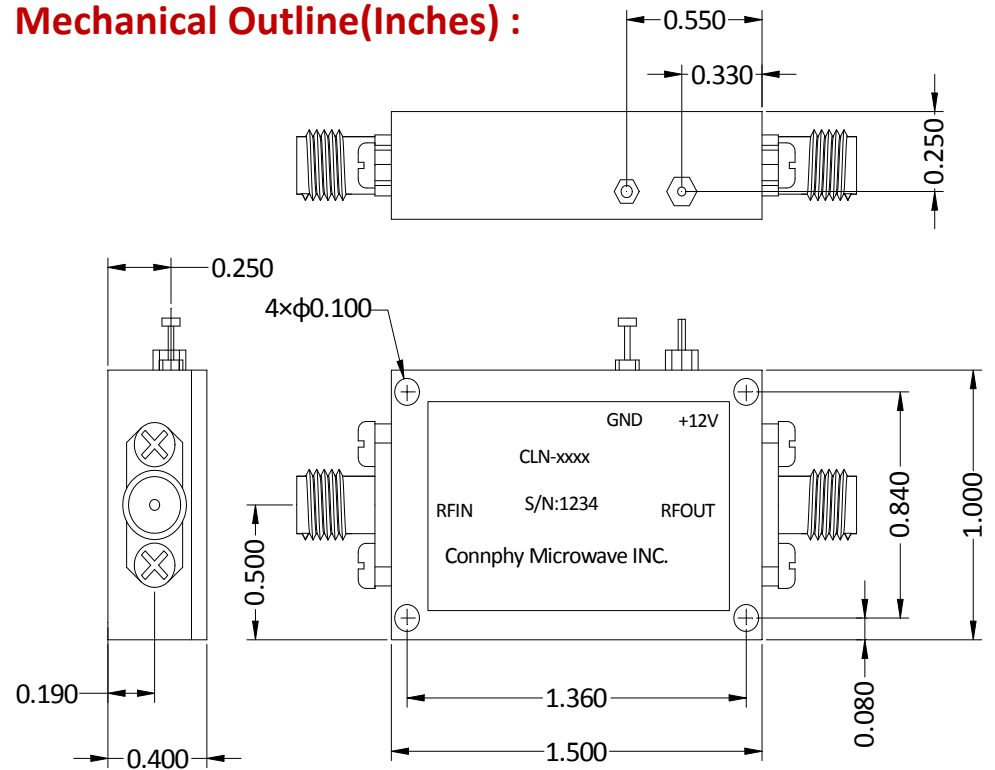
**Specifications:**


Frequency:	14.0-25.0 GHz
Gain:	27 dB Typ, 24 dB Min
Gain Flatness:	±1.5 dB Typ, ± 2.0 dB Max
Output P1dB:	23 dBm Typ, 21 dBm Min
Output IP3:	30 dBm Typ
VSWR Input:	2.0:1 Typ, 2.5:1 Max
VSWR Output:	2.0:1 Typ, 2.5:1 Max
Non-Harmonic Spurious:	-60 dBc Max
DC Voltage:	+12 V Typ
DC Supply Current:	330 mA Typ
RF Connectors:	K 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 CMC-14G25G-2723-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: 12/10/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.