CMP-6G12G-3030-S is a wideband medium power amplifier providing up to 30 dBm and a gain of 30 dB. The compact size and modularity makes it ideal for a wide range of applications.

Features:

•Frequency Range: 6 to 12 GHz

•P1dB: 30 dBm Min

•Flat Small Signal Gain: 30 dB Min

•Small size, low cost

Unconditionally Stable

Specifications:

Frequency: 6.0-12.0 GHz
Gain: 30 dB Min

Gain Flatness: ± 2.0 dB Max

Noise Figure: 5.0 dB Max
Output P1dB: 30 dBm Min

Output IP3: 39 dBm Typ

VSWR Input: 2.2:1 Max

VSWR Output: 2.2:1 Max

DC Voltage: +9V to +15V DC
DC Supply Current: 1200 mA Typ

RF Connectors: SMA Female

Environmental Ratings:

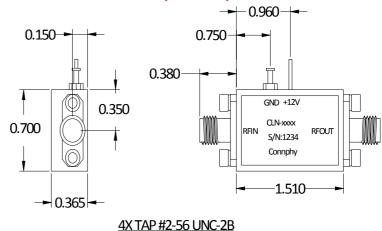
Temperature: -40°C to +75 °C Operating

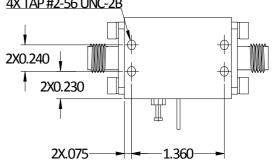
-55 °C to +125 °C Non-Operating

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-6G12G-3030-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc.
CHECKRD:	DATE: 15/07/15	SHEET : 1 OF 1	www.connphy.com sales@connphy.com
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.