

**CMC-32G36G-1434-K** is a wideband medium power amplifier providing up to 34 dBm and a gain of 14 dB. The compact size and modularity makes it ideal for a wide range of applications.

**Features:**

- Frequency Range: 32 to 36 GHz
- P1dB: 34 dBm Typ
- Flat Small Signal Gain: 14 dB Typ
- Small size, low cost
- Unconditionally Stable

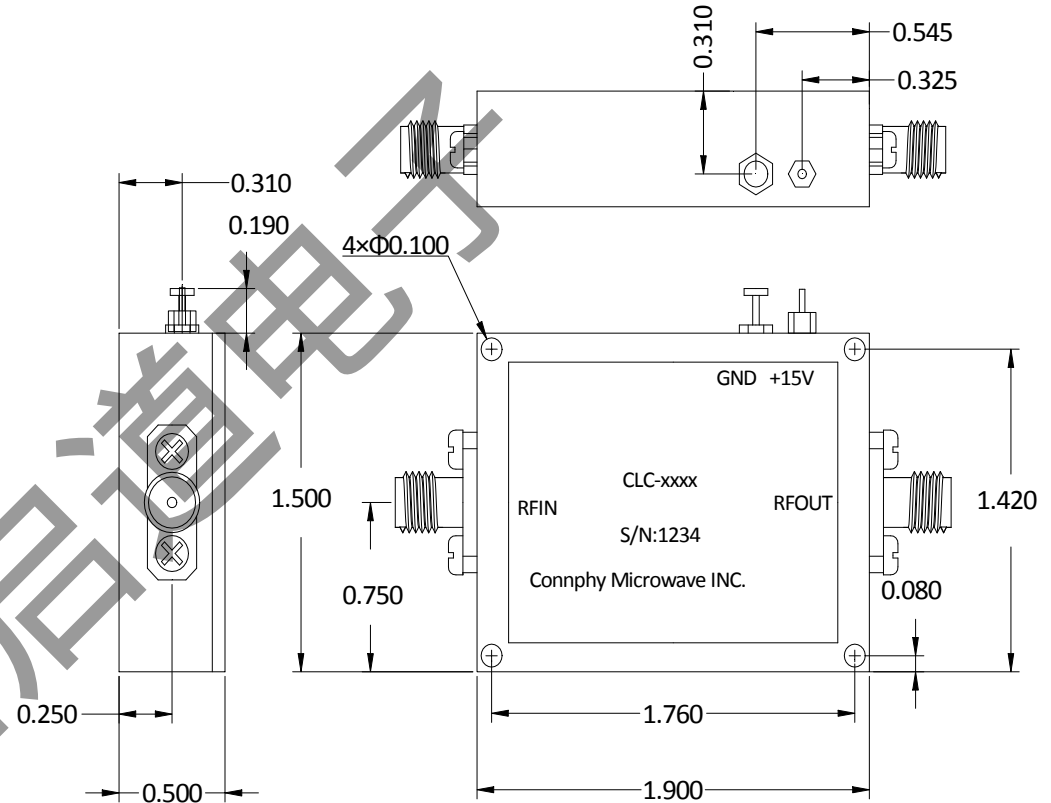
**Specifications:**


|                        |                           |
|------------------------|---------------------------|
| Frequency:             | 32.0 - 36.0 GHz           |
| Gain:                  | 14dB Typ , 12dB Min       |
| Gain Flatness:         | ±1.0dB Typ , ± 1.5 dB Max |
| Output P1dB:           | 34dBm Typ , 33dBm Min     |
| Output IP3:            | 42dBm Typ                 |
| VSWR Input:            | 1.8dB Typ , 2.5:1 Max     |
| VSWR Output:           | 1.8dB Typ , 3.0:1 Max     |
| Reverse Isolation:     | 30dB Min                  |
| Non-Harmonic Spurious: | -60dBc Max                |
| DC Voltage:            | 9V to 12V                 |
| DC Supply Current:     | 2300mA Typ                |
| RF Connectors:         | 2.92mm Female             |

**Environmental Ratings:**

|                    |  |
|--------------------|--|
| Temperature:       | -40°C to +75 °C Operating<br>-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<br>CMC-32G36G-1434-K |                   |                      |   |
|---|-------------------|----------------------|---|
| DRAWN:                                      | DWG NO.:          | REV CODE:<br>Rev.1.0 | <br><a href="http://www.connphy.com">www.connphy.com</a><br><a href="mailto:sales@qidao.com">sales@qidao.com</a> |
| CHECKRD:                                    | DATE:<br>12/10/15 | SHEET :<br>1 OF 1    |   |
| ISSUED:                                     | SIZE:<br>A        | SCALE :<br>N / A     |   |
|   |                   |                      | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.   |