

## Features

- Small Signal Gain 35dB
- Low Gain Flatness
- Input VSWR -
- Output Power 34dBm
- RoHS and REACH Compliant

## Electrical Specifications

| Description              | Units | Minimum | Typical | Maximum |
|--------------------------|-------|---------|---------|---------|
| Freq. Range              | GHz   | 34      |         | 35      |
| Small Signal Gain        | dB    | 35      |         |         |
| Gain Flatness            | dB    |         |         | ±1.5    |
| Noise figure             | dB    |         | -       |         |
| Output Power @Psat       | dBm   | 34      |         |         |
| Output Power @P1dB       | dBm   | 33      |         |         |
| Input VSWR               | : 1   |         |         | -       |
| Output VSWR              | : 1   |         |         | -       |
| OIP3                     | dBm   |         | -       |         |
| Reverse Isolation        | dB    | -       |         |         |
| Spurious                 | dBc   | -       |         |         |
| Harmonics                | dBc   |         |         |         |
| TTL Control              |       |         |         |         |
| TTL Switching Time       | us    |         | -       |         |
| Supply Current (Vcc=+6V) | mA    |         | 3500    |         |
| Operating Temp.          | °C    | -20     |         | +40     |

## Special Requirements

## Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- ESD sensitive material , Transport material in approved ESD bags. Handle only in approved ESD workstation;
- Providing effective cooling measures and electrostatic protection;
- If the product is damaged due to over-drive, no-load, over-temperature, over-current and static electricity in use. Customer needs to pay for the cost of maintenance.

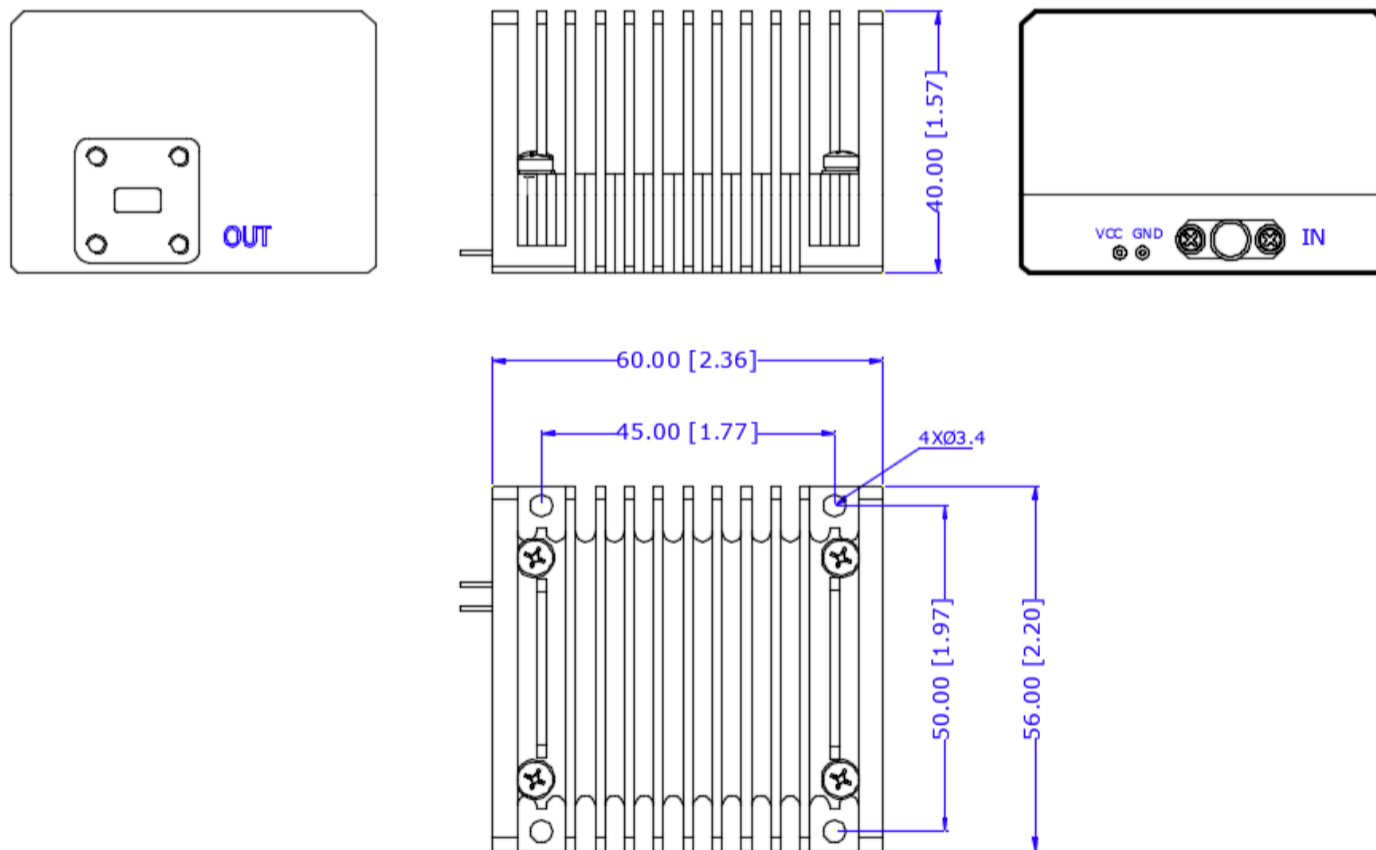
## Mechanical Specifications

|                  |                               |
|------------------|-------------------------------|
| Dimension L*W*H  | 1 mm                          |
| Input Connector  | 2.92mm-Female Stainless Steel |
| Output Connector | WR28-FBP320 Stainless Steel   |
| Weight           | 350 g                         |
| Finishing        | Nickel Plated                 |
| Environment      | X                             |

## Compliance Certifications

|                 |   |
|-----------------|---|
| RoHS Compliant  | ✓ |
| REACH Compliant | ✓ |

## CAD Drawing



Dimensions are in mm [Inches]  
 Tolerances : Outline drawing: ±0.2 [0.008]  
 Hole: ±0.2 [0.008]