

Features

- Small Signal Gain 30dB
- Low Gain Flatness
- Input VSWR 2.0
- Output Power 10dBm
- RoHS and REACH Compliant

Electrical Specifications

| Description | Units | Minimum | Typical | Maximum |
|---------------------------|-------|---------|---------|---------|
| Freq. Range | GHz | 0.5 | | 3 |
| Max input Power | dBm | | | +20 |
| Small Signal Gain | dB | 30 | | |
| Gain Flatness | dB | | | ±1.5 |
| Noise figure | dB | | | 1.5 |
| Output Power @P1dB | dBm | 10 | | |
| Input VSWR | : 1 | | | 2.0 |
| Output VSWR | : 1 | | | 2.0 |
| OIP3 | dBm | | - | |
| TTL Control | | | | |
| TTL Switching Time | us | | | |
| Supply Current (Vcc=+12V) | mA | | TBD | |
| Operating Temp. | °C | -55 | | +85 |

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.

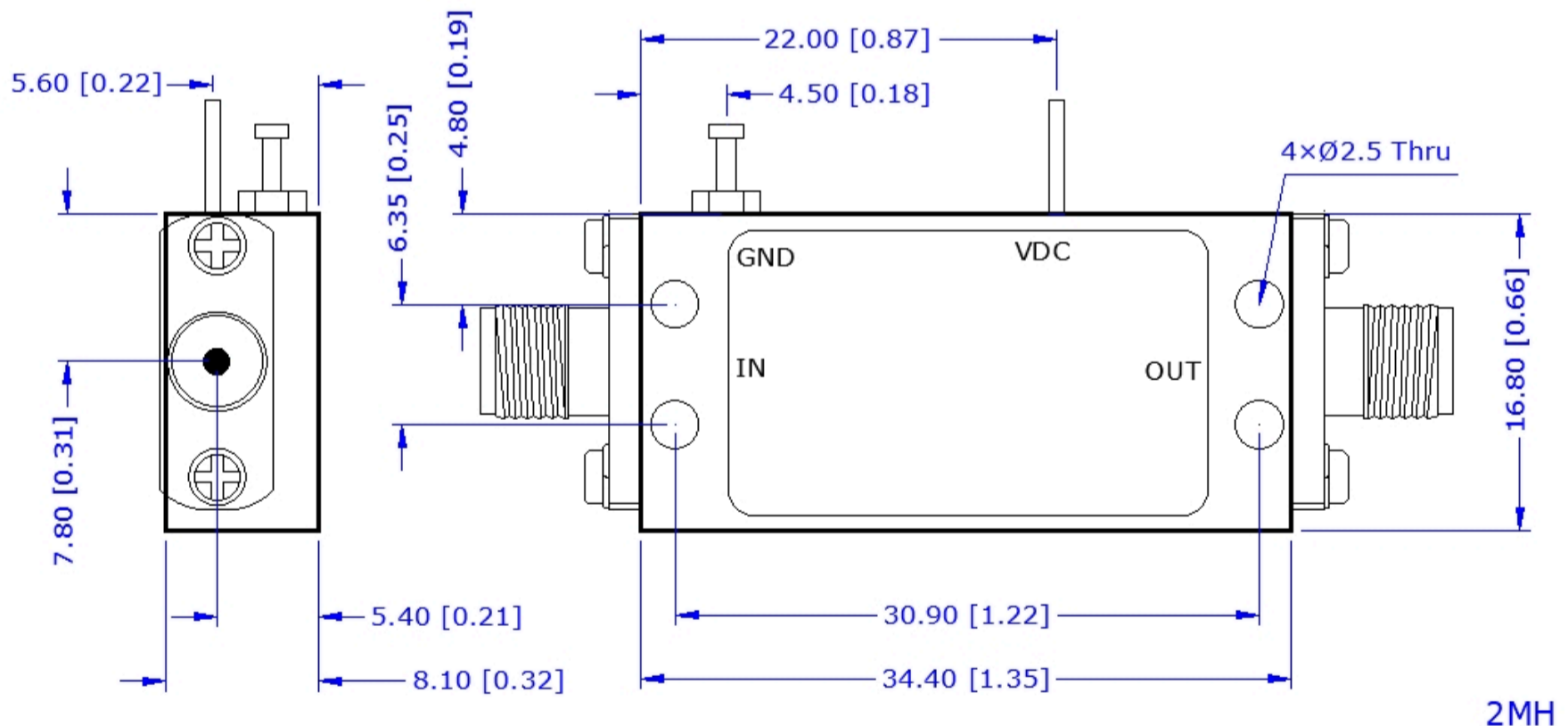
Mechanical Specifications

| | |
|------------------|------------------|
| Dimension L*W*H | 34.4*16.8*8.1 mm |
| Input Connector | SMA-Female |
| Output Connector | SMA-Female |
| Weight | 17 g |
| VDC Connector | |
| 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]