

Features

- Small Signal Gain 45dB
- Low Gain Flatness
- Input VSWR 2.0
- Output Power 20dBm
- RoHS and REACH Compliant

Electrical Specifications

| Description | Units | Minimum | Typical | Maximum |
|---------------------------|-------|---------|---------|---------|
| Freq. Range | GHz | 1 | | 15 |
| Small Signal Gain | dB | 45 | | |
| Gain Flatness | dB | | | ±2.5 |
| Noise figure | dB | | 3.5 | |
| Output Power @P1dB | dBm | 20 | 21 | |
| Input VSWR | : 1 | | | 2.0 |
| Output VSWR | : 1 | | | 2.0 |
| OIP3 | dBm | | - | |
| Reverse Isolation | dB | - | | |
| Spurious | dBc | - | | |
| Harmonics | dBc | | | |
| TTL Control | | | | |
| TTL Switching Time | us | | - | |
| Supply Current (Vcc=+12V) | mA | | 300 | |
| Operating Temp. | °C | -40 | | +70 |

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.

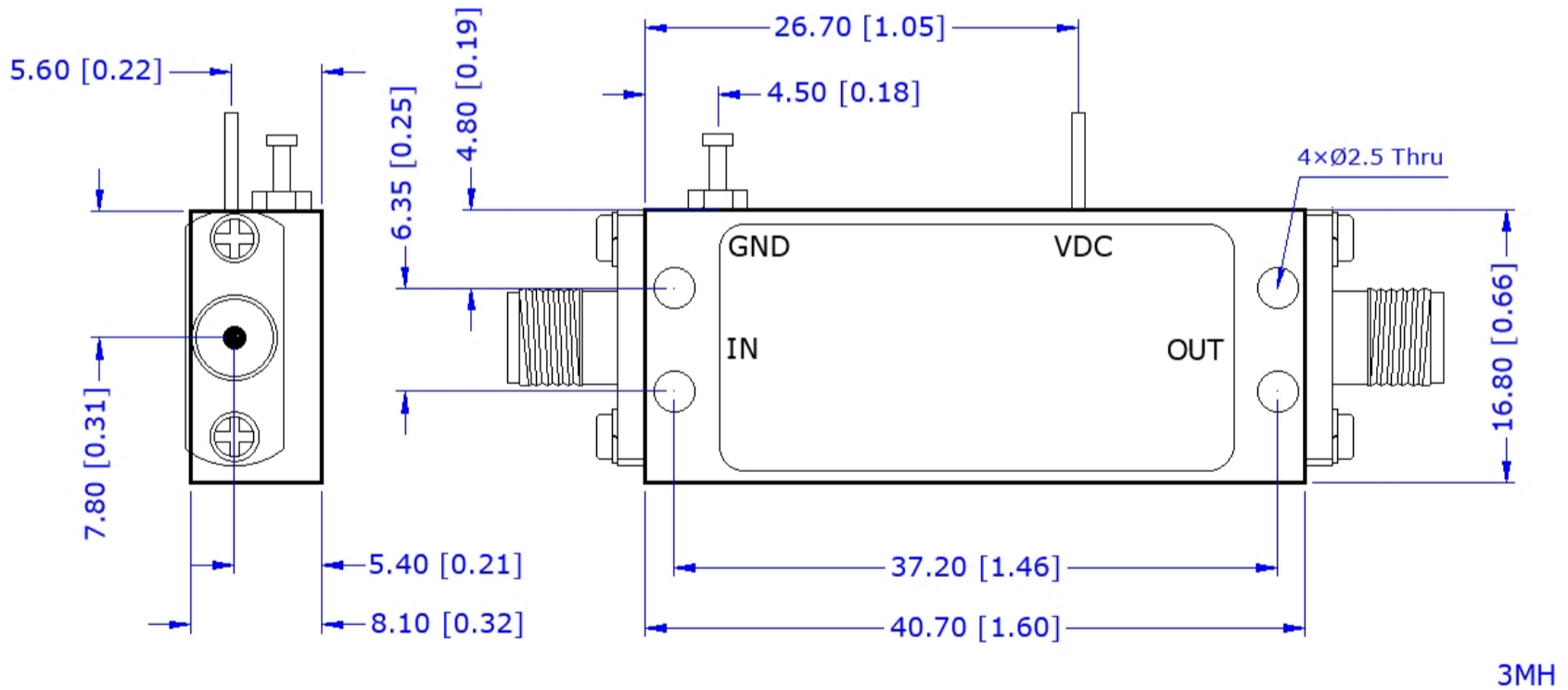
Mechanical Specifications

| | |
|------------------|----------------------------|
| Dimension L*W*H | 40.7*16.8*8.1 mm |
| Input Connector | SMA-Female Stainless Steel |
| Output Connector | SMA-Female Stainless Steel |
| Weight | TBD 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]