

Features

- External Reference
- Output Power : 15dBm
- Output Freq. : 16 GHz
- Harmonics : -20 dBc
- RoHS and REACH Compliant

Electrical Specifications

| Description | Units | Minimum | Typical | Maximum |
|-----------------------|--|---------|---------|---------|
| Output Frequency | GHz | | 16 | |
| Output Power | dBm | | 15 | |
| Phase Noise@10Hz | dBc/Hz | | | |
| Phase Noise@100Hz | dBc/Hz | | | -80 |
| Phase Noise@1KHz | dBc/Hz | | | -108 |
| Phase Noise@10KHz | dBc/Hz | | | -112 |
| Phase Noise@100KHz | dBc/Hz | | | -110 |
| Phase Noise@1MHz | dBc/Hz | | | -130 |
| Reference Frequency | MHz | | 100 | |
| Reference Input Power | dBm | | - | |
| 2nd Harmonics | dBc | | -20 | |
| Spurious | dBc | | -70 | |
| Supply Voltage | V | | +12 | |
| Current | mA | | 200 | |
| Operating Temp. | °C | -40 | | +70 |
| Lock Detect | TTL High (3.3V - 5V) in Lock ; TTL Low (0V -0.7V) Unlock | | | |

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;
- External Reference & Dual Loop Models Frequency Stability : Same as External Reference.
- External Ref. Phase noise deteriorate : =20 log (Output Freq / Ref. Freq) +3

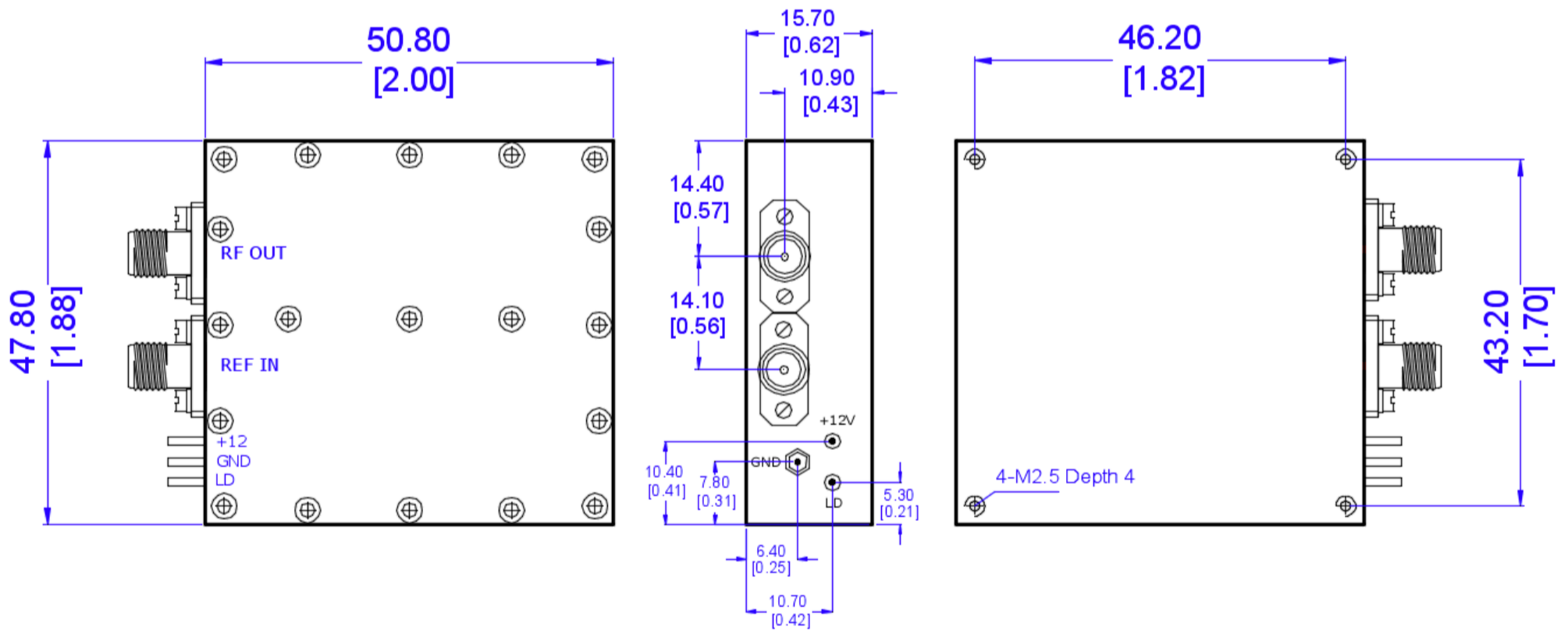
Mechanical Specifications

| | |
|-------------------|----------------------------|
| Dimension L*W*H | 50.8*47.8*15.7 mm |
| Ref. Connector | SMA-Female Stainless Steel |
| Output Connectors | SMA-Female Stainless Steel |
| Weight | 165 g |
| Finishing | Nickel Plated |
| Environment | Nominal |

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]