

Features

- Output Freq. : 8 GHz
- Output Power : 13 dBm
- Harmonics : -20 dBc
- Spurious : -80 dBc
- RoHS and REACH Compliant

Electrical Specifications

| Description | Units | Minimum | Typical | Maximum |
|---------------------|---------|---------|---------|---------|
| Output Frequency | GHz | | 8 | |
| Freq. Accuracy | ppm | | - | |
| Freq. Stability | ppm/°C | | | ±5 |
| Mechanical Tuning | MHz | | 10 | |
| Output Power | dBm | 13 | | |
| Power Variation | dB | | | ±1 |
| Phase Noise@10Hz | dBc/Hz | | | - |
| Phase Noise@100Hz | dBc/Hz | | | - |
| Phase Noise@1KHz | dBc/Hz | | | - |
| Phase Noise@10KHz | dBc/Hz | | | -85 |
| Phase Noise@100KHz | dBc/Hz | | | -110 |
| Phase Noise@1MHz | dBc/Hz | | | -130 |
| 2nd Harmonics | dBc | | | -20 |
| Spurious | dBc | | | -80 |
| Pushing@+12±0.5V | MHz / V | | | |
| Pulling@VSWR 2.0: 1 | MHz | | | |
| Supply Voltage | V | +12 | | +15 |
| Current | mA | | 200 | |
| Operating Temp. | °C | 0 | | +60 |

Note

- Electronic Specification Note : Values at 25deg , sea level. Test indicators will deteriorate at high and low temperature ;

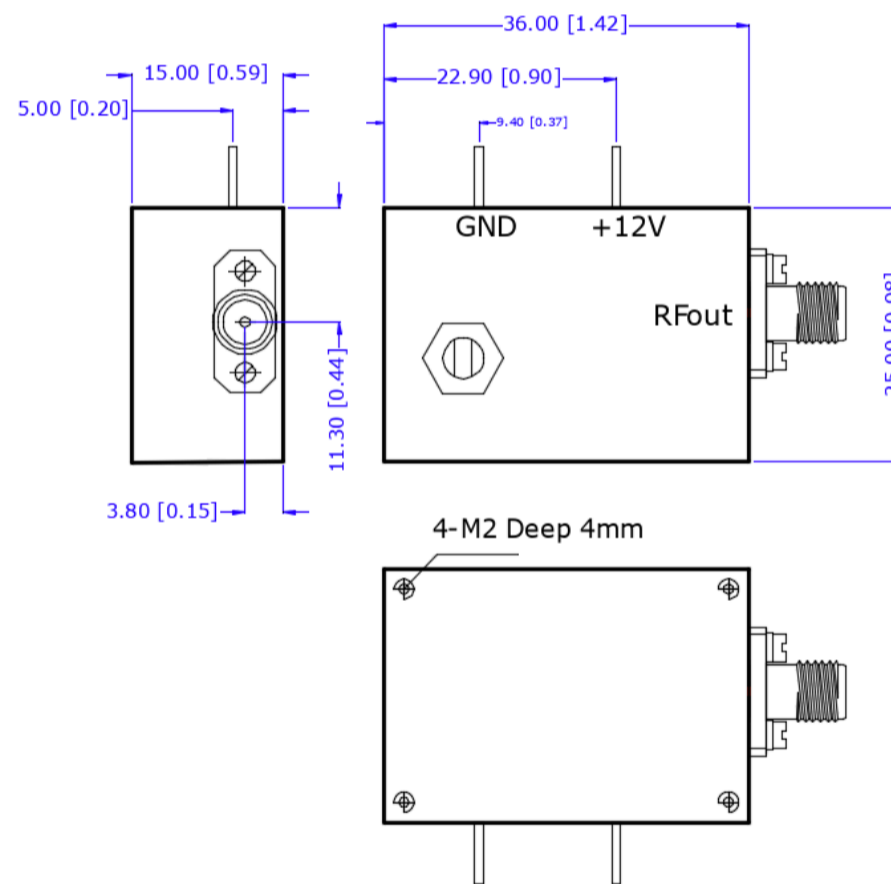
Mechanical Specifications

| | |
|-------------------|----------------------------|
| Dimension L*W*H | 36*25*15 mm |
| Output Connectors | SMA-Female Stainless Steel |
| Weight | TBD g |
| Finishing | Silver Plated |

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]