

QPDO-I-10-4.97

Internal Reference, 10MHz, 4.97GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

- * Wireless
- * Transceiver
- * Laboratory Test
- * Radar

Electrical

| | |
|----------------------|------------------------|
| Output Frequency: | 4.97GHz |
| Output Power: | 16dBm min |
| Frequency Stability: | 0.1ppm max. |
| Spurious: | -65dBc max.(@±1GHz) |
| Harmonic: | -25dBc max. |
| Internal Reference: | 10MHz |
| | (-160dBc/Hz@10KHzmax.) |
| Phase Noise: | -70dBc/Hz@1KHz |
| | -80dBc/Hz@10KHz |
| | -100dBc/Hz@100KHz |
| | -128dBc/Hz@1MHz |
| Voltage: | +12V DC |
| Current: | 600mA max. |
| Lock Indicator (LI): | TTL logic |
| | High: locked |
| | Low: unlocked |

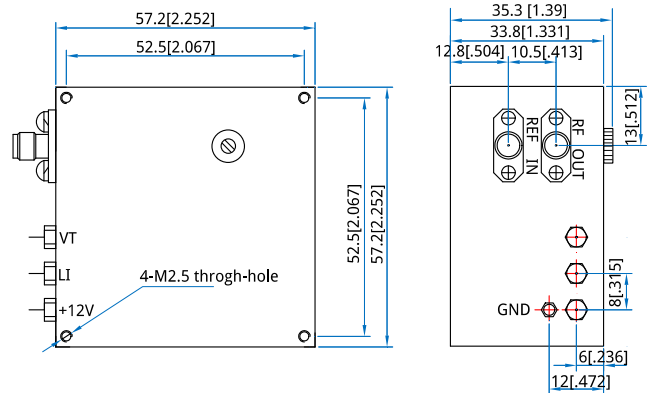
Mechanical

| | |
|-------------------------|----------------------------|
| Size*1: | 57.2*57.2*35.3mm |
| | 2.252*2.252*1.39in |
| RF Connectors: | SMA Female |
| Power Supply Interface: | Feed Through/Terminal Post |

Environmental

| | |
|----------------------------|-----------|
| Operating Temperature: | -40~+75°C |
| Non-operating Temperature: | -55~+85°C |

Outline Drawings



To Be Done

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-I-10-4.97

Customization is available upon request.