

QPDO-E-10-1.6

External Reference, 10MHz, 1.6GHz

Features:

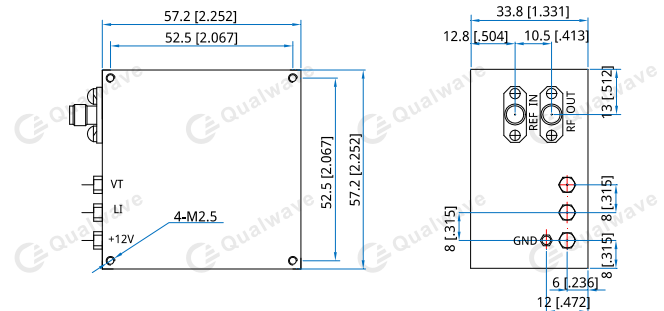
- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

| | |
|----------------------|---------------------|
| Output Frequency: | 1.6GHz |
| Output Power: | 12dBm min. |
| Input Power: | 0±3dBm |
| Spurious: | -70dBc max.(@±1GHz) |
| Harmonic: | -20dBc max. |
| External Reference: | 10MHz |
| | -170dBc/Hz@10KHz |
| Phase Noise: | -103dBc/Hz@100Hz |
| | -126dBc/Hz@1KHz |
| | -128dBc/Hz@10KHz |
| | -126dBc/Hz@30KHz |
| | -133dBc/Hz@100KHz |
| | -144dBc/Hz@1MHz |
| Voltage: | +12V DC |
| Current: | 600mA max.(start) |
| | 450mA max.(stable) |
| Lock Indicator (LI): | TTL logic |
| | High: locked |
| | Low: unlocked |

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-E-10-1.6

Customization is available upon request.

Mechanical

| | |
|-------------------------|----------------------------|
| Size ^{*1} : | 57.2*57.2*33.8mm |
| | 2.252*2.252*1.331in |
| RF Connectors: | SMA Female |
| Power Supply Interface: | Feed Through/Terminal Post |
| Mounting: | 4-M2.5 through-hole |

[1] Exclude connectors.

Environmental

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