

QPDO-E-100-4-1

External Reference, 100MHz, 4GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

| | |
|----------------------|-------------------|
| Output Frequency: | 4GHz |
| Output Power: | 9~11dBm |
| Spurious: | -80dBc min. |
| Harmonic: | -30dBc min. |
| External Reference: | 100MHz(-3~+3dBm) |
| | -130dBc/Hz@100Hz |
| | -160dBc/Hz@1KHz |
| | -165dBc/Hz@10KHz |
| | -168dBc/Hz@100KHz |
| Phase Noise: | -88dBc/Hz@100Hz |
| | -120dBc/Hz@1KHz |
| | -124dBc/Hz@10KHz |
| | -124dBc/Hz@100KHz |
| | -140dBc/Hz@1MHz |
| Voltage: | +12V DC |
| Current: | 250mA max. |
| Lock Indicator (LI): | TTL logic |
| | High: locked |
| | Low: unlocked |

Mechanical

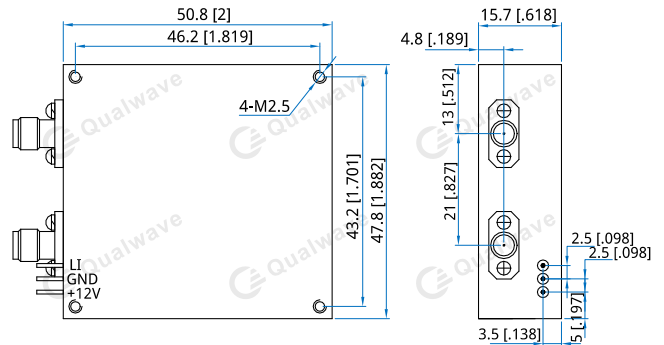
| | |
|-------------------------|----------------------------|
| Size ^{*1} : | 50.8*47.8*15.7mm |
| | 2*1.882*0.618in |
| RF Connectors: | SMA Female |
| Power Supply Interface: | Feed Through/Terminal Post |
| Mounting: | 4-M2.5mm through-hole |

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-E-100-4-1

Customization is available upon request.