

QPDO-I-100-34.941

Internal Reference, 100MHz, 34.941GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

| | |
|----------------------|--------------------|
| Output Frequency: | 34.941GHz |
| Output Power: | 15dBm min |
| Frequency Stability: | ±1ppm max. |
| Spurious: | -65dBc max. @±1GHz |
| Internal Reference: | 100MHz |
| Phase Noise: | -65dBc/Hz@100Hz |
| | -75dBc/Hz@1KHz |
| | -80dBc/Hz@10KHz |
| | -85dBc/Hz@30KHz |
| | -85dBc/Hz@100KHz |
| Voltage/Current: | +12V DC/800mA max. |
| | -12V DC/100mA max. |
| Lock Indicator (LI): | TTL logic |
| | High: locked |
| | Low: unlocked |

Mechanical

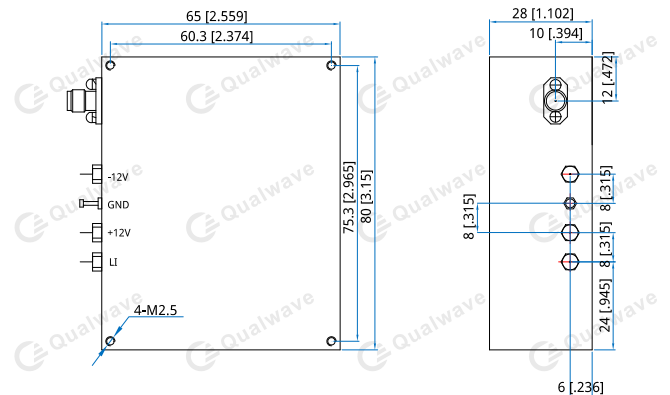
| | |
|-------------------------|----------------------------|
| Size ^{*1} : | 65*80*28mm |
| | 2.559*3.15*1.102in |
| Output Connectors: | 2.92mm female |
| Power Supply Interface: | Feed Through/Terminal Post |
| Mounting: | 4-M2.5 through-hole |

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-I-100-34.941

Customization is available upon request.