

## QPDO-I-100-3.9

Internal Reference, 100MHz, 3.9GHz

### Features:

- \* High Frequency Stability
- \* Ultra Low Phase Noise

### Applications:

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

### Electrical

Output Frequency:	3.9GHz
Output Power:	13dBm min.
Frequency Stability:	±0.2ppm max.
Spurious:	-80dBc max.
Harmonic:	-20dBc max.
Internal Reference:	100MHz
Phase Noise:	-90dBc/Hz max. @100Hz -124dBc/Hz max. @1KHz -128dBc/Hz max. @10KHz -128dBc/Hz max. @100KHz -145dBc/Hz max. @1MHz
Voltage:	+12V DC
Current:	550mA max. ( stable ) 700mA max. ( first )
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

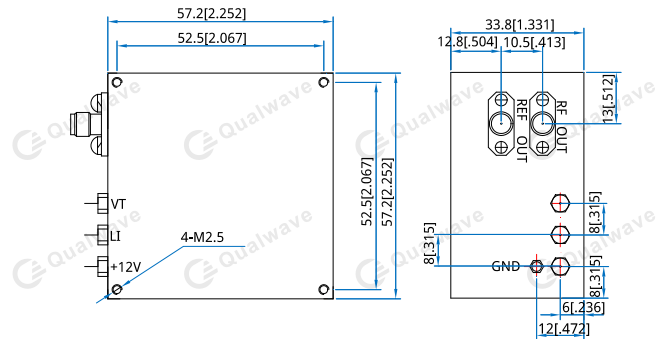
Size <sup>*1</sup> :	57.2*57.2*33.8mm 2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPDO-I-100-3.9**

Customization is available upon request.