

## QPDO-E-10-9.99

External Reference, 10MHz, 9.99GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	9.99GHz
Output Power:	10dBm min
Spurious:	-75dBc max. @±1GHz
Harmonic:	-20dBc max.
External Reference:	10MHz
	-170dBc/Hz@10KHz
Input Power:	0±3dBm
Phase Noise:	-85dBc/Hz@100Hz
	-110dBc/Hz@1KHz
	-115dBc/Hz@10KHz
	-115dBc/Hz@100KHz
	-134dBc/Hz@1MHz
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

### Mechanical

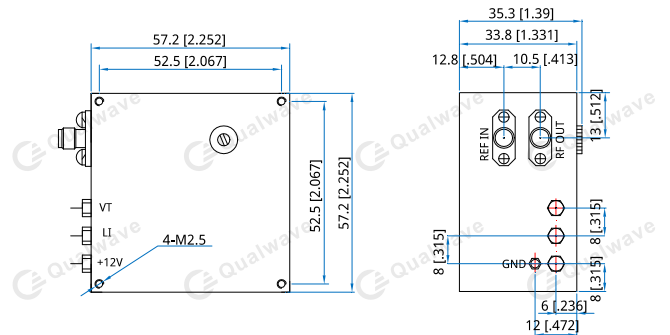
Size*1:	57.2*57.2*33.8mm
	2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPDO-E-10-9.99**

Customization is available upon request.