

## QPDO-I-75-11.85

Internal Reference, 75MHz, 11.85GHz

**Features:**

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

**Applications:**

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

**Electrical**

Output Frequency:	11.85GHz
Output Power:	13dBm min.
Frequency Stability:	±0.2ppm max.
Spurious:	-80dBc max.
Harmonic:	-20dBc max.
Internal Reference:	75MHz
Phase Noise:	-75dBc/Hz max. @100Hz -105dBc/Hz max. @1KHz -110dBc/Hz max. @10KHz -110dBc/Hz max. @100KHz -135dBc/Hz max. @1MHz
Voltage:	+12V DC
Current:	550mA max. ( stable ) 700mA max. ( first )
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

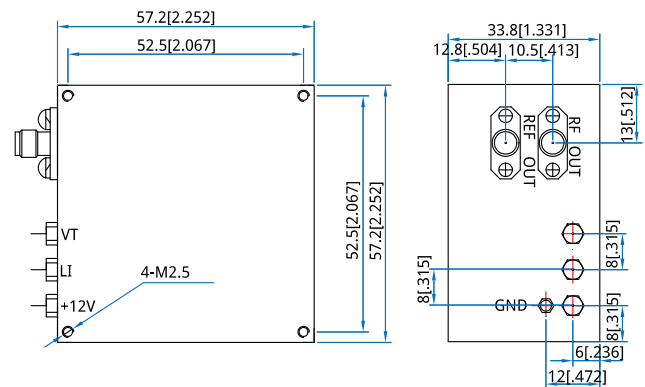
**Mechanical**

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-I-75-11.85**

Customization is available upon request.