

## QPDO-I-80-7.68-1

Internal Reference, 80MHz, 7.68GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	7.68GHz
Frequency Stability:	±1ppm max.
Output Power:	+14.5±1dBm
Phase Noise:	-80dBc/Hz@100Hz max. -105dBc/Hz@1KHz max. -115dBc/Hz@5KHz max. -120dBc/Hz@10KHz max. -130dBc/Hz@1MHz max.
Internal Reference:	80MHz -160dBc/Hz@1KHz max.
Harmonic:	-20dBc max.
Spurious:	-80dBc max. @±1GHz
Voltage:	+12V DC
Current:	700mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

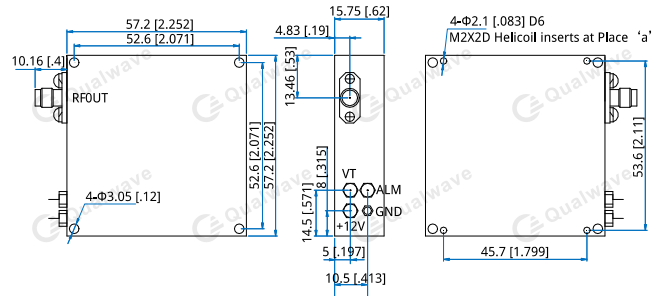
Size*1:	57.2*57.2*15.75mm 2.252*2.252*0.62in
Output Connectors:	SMA female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.05mm through-hole

[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-80-7.68-1**

Customization is available upon request.