

## QPDO-I-100-24-2

Internal Reference, 100MHz, 24GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	24GHz
Frequency Stability:	±0.5ppm max.
Output Power:	+13dBm min.
Output VSWR:	2 max.
Internal Reference:	100MHz
Output Phase Noise:	-55dBc/Hz max. @100Hz -90dBc/Hz max. @1KHz -108dBc/Hz max. @10KHz -108dBc/Hz max. @100KHz -130dBc/Hz max. @1MHz
Output Spurious:	-75dBc max. @±(10MHz to 1GHz)
Output Harmonic:	-25dBc max. @12GHz & 36GHz
Voltage:	+10~+12V
Current:	500mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

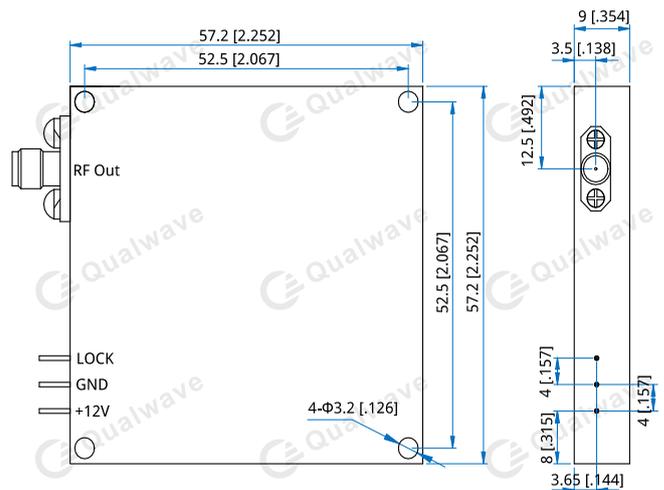
Size <sup>*1</sup> :	57.2*57.2*9mm 2.252*2.252*0.354in
RF Connectors:	SMA Female (Removable)
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.2mm through-hole

[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-100-24-2**

Customization is available upon request.