

## QPDO-I-50-32

Internal Reference, 50MHz, 32GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	32GHz
Frequency Stability:	±0.5ppm max. @-10~+70°C
Output Power:	13±1dBm min
Spurious:	-60dBc max.
Harmonic:	-20dBc max.
Internal Reference:	50MHz
Phase Noise:	-65dBc/Hz@100Hz -75dBc/Hz@1KHz -80dBc/Hz@10KHz -80dBc/Hz@100KHz -115dBc/Hz@1MHz
VSWR:	2 max.
Voltage:	+12V DC
Current:	800mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

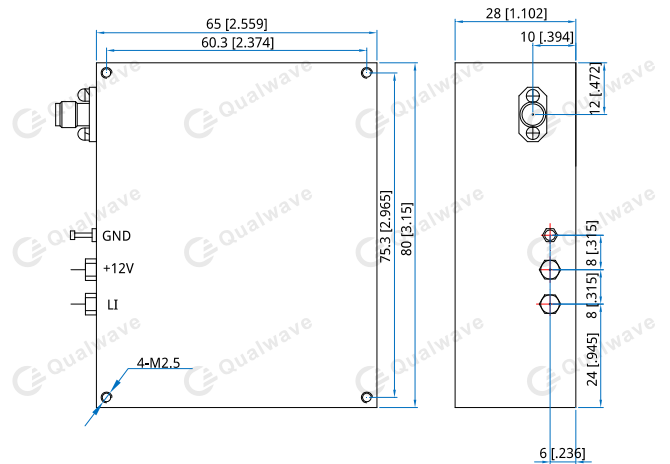
Size <sup>*1</sup> :	65*80*28mm 2.559*3.15*1.102in
RF Connectors:	2.92mm Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-5~+65°C
Non-operating Temperature:	-40~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPDO-I-50-32**

Customization is available upon request.