

QPDO-I-100-12

Internal Reference, 100MHz, 12GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	12GHz
Frequency Stability:	±0.1ppm max.
Output Power:	5dBm min
Internal Reference:	100MHz
Phase Noise:	-160dBc/Hz@1KHz
	-86dBc/Hz@100Hz
	-114dBc/Hz@1KHz
	-117dBc/Hz@10KHz
	-117dBc/Hz@100KHz
	-130dBc/Hz@1MHz
Spurious:	-75dBc max.
Harmonic:	-25dBc max.
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic
	High: locked Low: unlocked

Mechanical

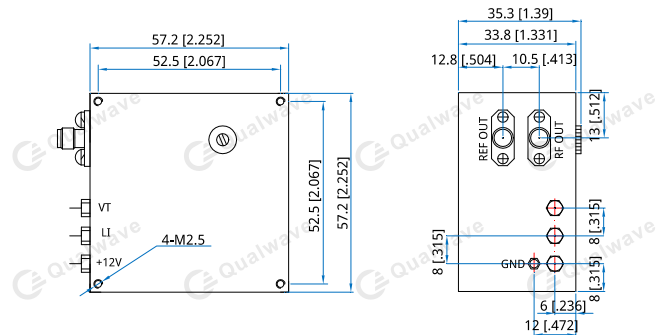
Size*1:	57.2*57.2*35.3mm 2.252*2.252*1.39in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-100-12

Customization is available upon request.