

QPDO-I-50-1.37

Internal Reference, 50MHz, 1.37GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	1.37GHz
Frequency Stability:	±0.2ppm max.
Output Power:	18dBm min.
Spurious:	-75dBc max. @±1GHz
Harmonic:	-20dBc max.
Internal Reference:	50MHz
Phase Noise:	-100dBc/Hz@100Hz
	-125dBc/Hz@1KHz
	-128dBc/Hz@10KHz
	-129dBc/Hz@100KHz
	-140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

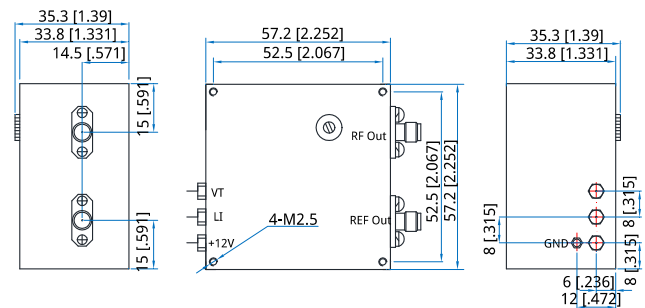
Size*1:	57.2*57.2*35.3 mm
	2.252*2.252*1.39in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-50-1.37

Customization is available upon request.