

QPDO-I-100-7.5

Internal Reference, 100MHz, 7.5GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	7.5GHz
Output Power:	13dBm min
Spurious:	-70dBc max.
Harmonic:	-30dBc max.
Internal Reference:	100MHz
Phase Noise:	-65dBc/Hz@10Hz
	-85dBc/Hz@100Hz
	-115dBc/Hz@1KHz
	-120dBc/Hz@10KHz
	-135dBc/Hz@10MHz
Voltage:	+12V DC
Current:	560mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

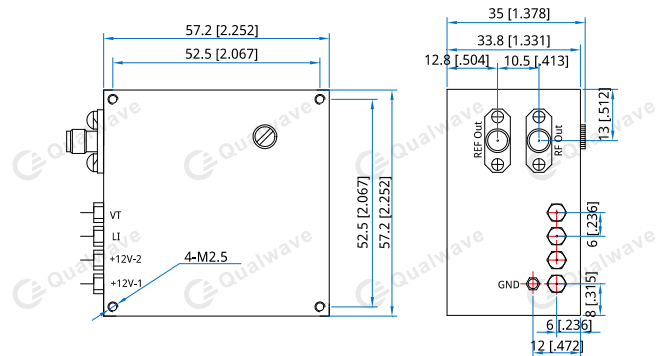
Size*1:	57.2*57.2*33.8mm
	2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

QPDO-I-100-7.5

Customization is available upon request.