

QPDO-I-107-14

Internal Reference, 107dBc, 14GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	14GHz
Output Power:	13dBm min
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
Phase Noise:	-85dBc/Hz@100Hz -107dBc/Hz@1KHz -117dBc/Hz@10KHz -117dBc/Hz@100KHz -140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	500mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

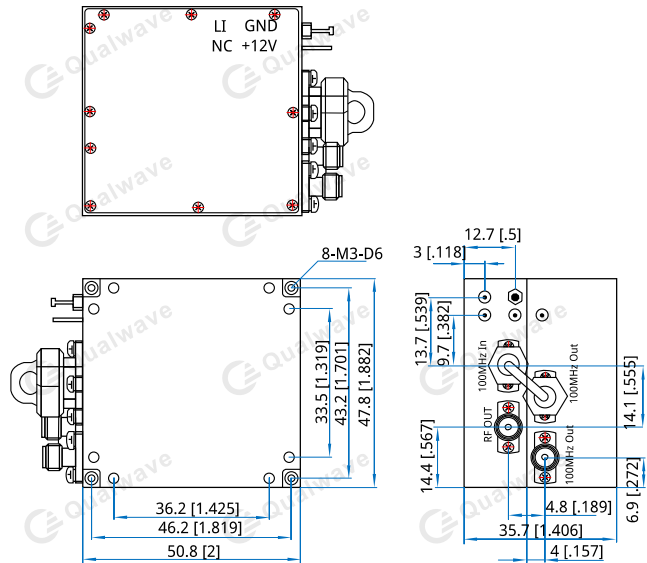
Mechanical

Size*1:	50.8*47.8*35.7mm 2*1.882*1.406in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2, Depth 6mm

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°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-107-14

Customization is available upon request.