

QPDO-I-100-8.111

Internal Reference, 100MHz, 8.111GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	8.111GHz
Frequency Stability:	± 0.2 ppm max.
Output Power:	20 \pm 1dBm min
Internal Reference:	100MHz
Phase Noise:	-105dBc/Hz max. @1KHz -115dBc/Hz max. @10KHz -125dBc/Hz max. @100KHz -140dBc/Hz max. @1MHz
Spurious:	-80dBc max. @ \pm 2GHz
Harmonic:	-20dBc max.
Voltage:	+12 \pm 0.5V DC
Current (First):	700mA max.
(Stable):	450mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

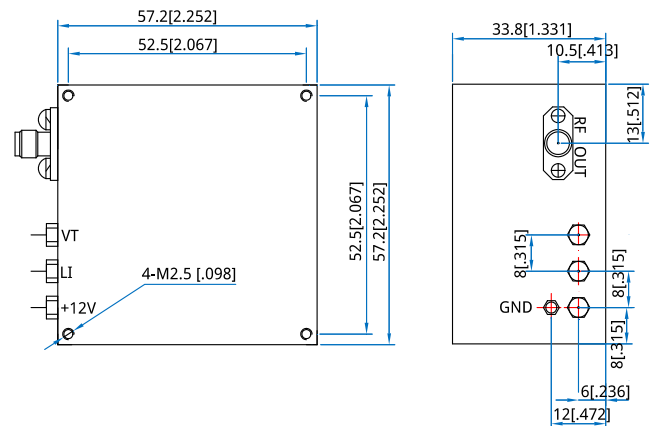
Mechanical

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:	-40~+75°C
Non-operating Temperature:	-55~+85°C

Outline Drawings


Unit: mm [in]

Tolerance: ± 0.2 mm [± 0.008 in]

How To Order

QPDO-I-100-8.111

Customization is available upon request.