

QPDO-I-100-0.9-2.1

Internal Reference, 100MHz, 0.9GHz, 2.1GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency (RF Out1):	0.9GHz .
Output Frequency (RF Out2):	2.1GHz
Output Power (RF Out1):	10dBm min.
Output Power (RF Out2):	20dBm min.
Output Power (REF Out):	-3~0dBm
Frequency Stability:	±1ppm max.
Spurious:	-80dBc max.
Harmonic:	-20dBc max.
Internal Reference:	100MHz
	-150dBc/Hz max. @1KHz
	-160dBc/Hz max. @10KHz
Phase Noise:	-120dBc/Hz max. @10KHz
Voltage:	+12V DC
First Current:	960mA max.
Stable Current:	900mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

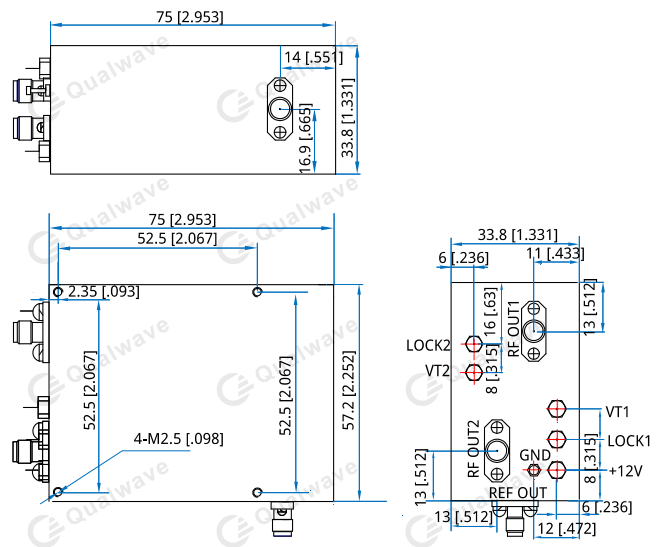
Size*1:	75*57.2*33.8mm
	2.953*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+80°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-I-100-0.9-2.1

Customization is available upon request.