

QPDO-I-100-22-1

Internal Reference, 100MHz, 22GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	22GHz
Frequency Stability:	±0.5ppm max.
Output Power:	+13dBm min.
Output VSWR:	2 max.
Internal Reference:	100MHz
Output Phase Noise:	-55dBc/Hz max. @100Hz -90dBc/Hz max. @1KHz -108dBc/Hz max. @10KHz -108dBc/Hz max. @100KHz -130dBc/Hz max. @1MHz
Output Spurious:	-75dBc max. @±(10MHz to 1GHz)
Output Harmonic:	-25dBc max. @11GHz & 33GHz
Voltage:	+10~+12V
Current:	500mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

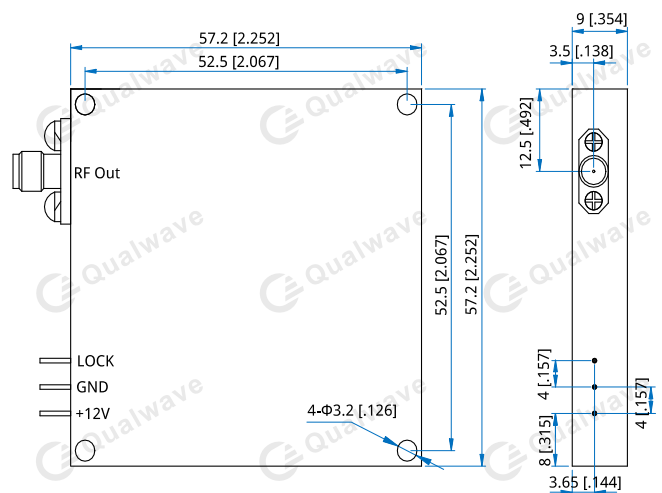
Size ^{*1} :	57.2*57.2*9mm 2.252*2.252*0.354in
RF Connectors:	SMA Female (Removable)
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.2mm through-hole

[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

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Customization is available upon request.