

QPDO-E-10-22

External Reference, 10MHz, 22GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	22GHz
Output Power:	10dBm min.
Reference Input Power:	0±3dBm
VSWR:	1.8 max.
Output Spurious:	-70dBc max.
	@±(10MHz to 1GHz)
Output Harmonics:	-25dBc max.
	@11GHz, 33GHz
External Reference:	10MHz
	-150dBc/Hz max. @1KHz
	-155dBc/Hz max. @10KHz
Output Phase Noise:	-105dBc/Hz max. @1KHz
	-113dBc/Hz max. @10KHz
	-113dBc/Hz max. @100KHz
	-130dBc/Hz max. @1MHz
Voltage:	+12±1V DC
Current:	700mA max. (first)
	450mA max. (stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Environmental

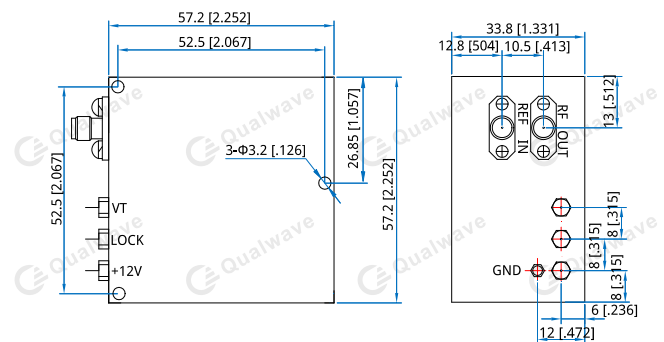
Operating Temperature:	-40~+75°C
Non-operating Temperature:	-55~+85°C

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:	3-Φ3.2mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-E-10-22

Customization is available upon request.