

QPDO-E-10-23.3

External Reference, 10MHz, 23.3GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	23.3GHz
Output Power:	+12~+14dBm
Reference Input Power:	+7~+13dBm
Output Spurious:	-71dBc max. @±(10MHz to 2GHz)
Output Harmonics:	-20dBc max. @11.65GHz, @34.95GHz
External Reference:	10MHz
	-110dBc/Hz max. @10Hz
	-137dBc/Hz max. @100Hz
	-150dBc/Hz max. @1KHz
	-165dBc/Hz max. @10KHz
	-165dBc/Hz max. @100KHz
Output Phase Noise:	-50dBc/Hz max. @10Hz
	-80dBc/Hz max. @100Hz
	-93dBc/Hz max. @1KHz
	-97dBc/Hz max. @10KHz
	-107dBc/Hz max. @100KHz
	-120dBc/Hz max. @1MHz
Voltage:	+12±0.5V DC
Current:	700mA max. (first) 500mA max. (stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Environmental

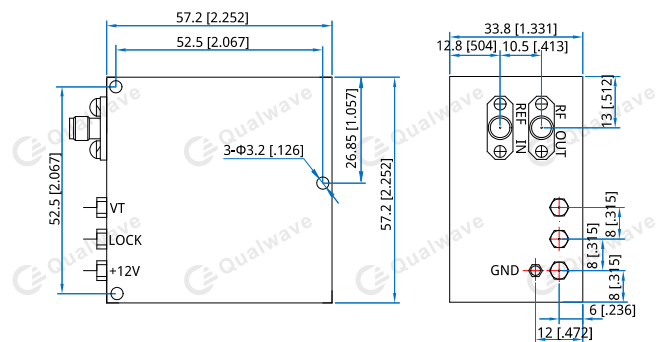
Operating Temperature:	-45~+75°C
Non-operating Temperature:	-55~+85°C

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-10-23.3

Customization is available upon request.