

QPDO-E-10-10.6

External Reference, 10MHz, 10.6GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	10.6GHz
Input Power:	+3~ +10dBm
Output Power	13dBm max.
Frequency Stability:	Follow external frequency
Spurious:	-70dBc max.
Harmonic:	-22dBc max.
External Reference:	10MHz
	(-170dBc/Hz@10KHzmax.)
Phase Noise:	-88dBc/Hz@100Hz
	-112dBc/Hz@1KHz
	-120dBc/Hz@10KHz
	-120dBc/Hz@100KHz
	-140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	700mA max.(first)
	550mA max.(stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

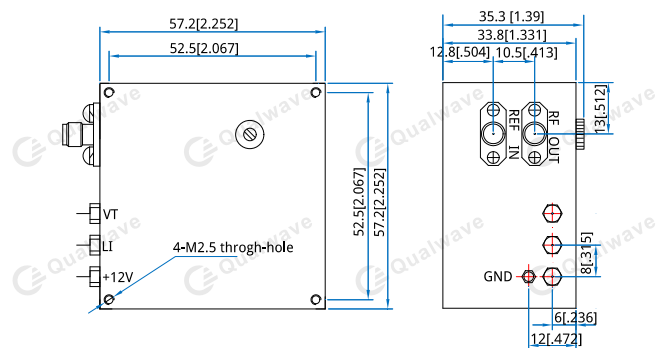
Mechanical

Size*1:	57.2*57.2*35.3mm
	2.252*2.252*1.39in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

QPDO-E-10-10.6

Customization is available upon request.