

QPDO-E-10-7

External Reference, 10MHz, 7GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	7GHz
Output Power:	13dBm min.
External Reference:	10MHz
Reference Input Power:	0±3dBm
Output Phase Noise:	≤-70dBc/Hz@100Hz
	≤-95dBc/Hz@1KHz
	≤-115dBc/Hz@10KHz
	≤-120dBc/Hz@100KH
	≤-120dBc/Hz@1MHz
Output Spurious:	-70dBc max.
Output Harmonic:	-20dBc max.
Voltage:	+12V DC
Current:	550mA max. (stable)
	700mA max. (first)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

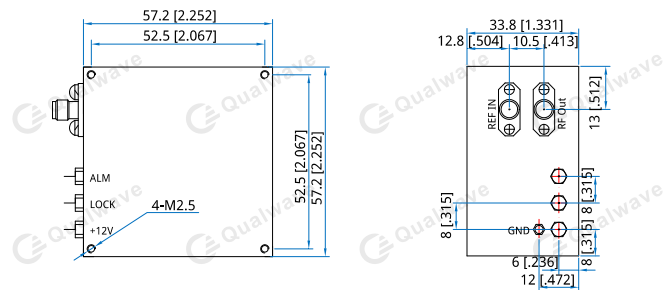
Mechanical

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:	4-M2.5mm through-hole

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

QPDO-E-10-7

Customization is available upon request.