

QPDO-E-10-6

External Reference, 10MHz, 6GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	6GHz
Output Power:	13dBm min.
External Reference:	10MHz
Reference Input Power:	0±3dBm
Output Phase Noise:	$\leq -70\text{dBc/Hz}@100\text{Hz}$ $\leq -95\text{dBc/Hz}@1\text{KHz}$ $\leq -115\text{dBc/Hz}@10\text{KHz}$ $\leq -120\text{dBc/Hz}@100\text{KHz}$ $\leq -120\text{dBc/Hz}@1\text{MHz}$
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

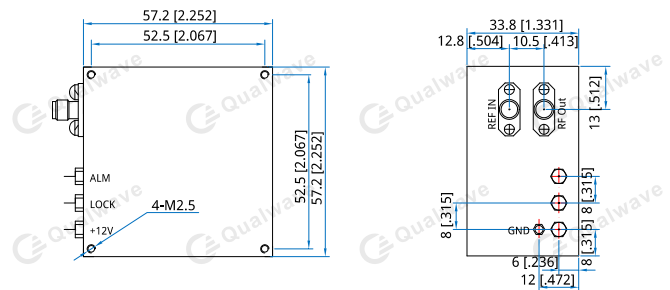
Mechanical

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-10-6

Customization is available upon request.