

## QPDO-E-10-9.75

External Reference, 10MHz, 9.75GHz

**Features:**

- \* High Frequency Stability
- \* Ultra Low Phase Noise

**Applications:**

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

**Electrical**

Output Frequency:	9.75GHz
Output Power:	16dBm min.
Output Spurious:	-70dBc max.
Output Harmonic:	-20dBc max.
External Reference:	10MHz
Input Power:	0±3dBm
Output Phase Noise:	-88dBc/Hz max. @100Hz -112dBc/Hz max. @1KHz -120dBc/Hz max. @10KHz -120dBc/Hz max. @100KHz -140dBc/Hz max. @1MHz
Voltage:	+12V DC
Current:	700mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked
External Reference	TTL logic
Instructions (ALM):	High: Yes Low: No

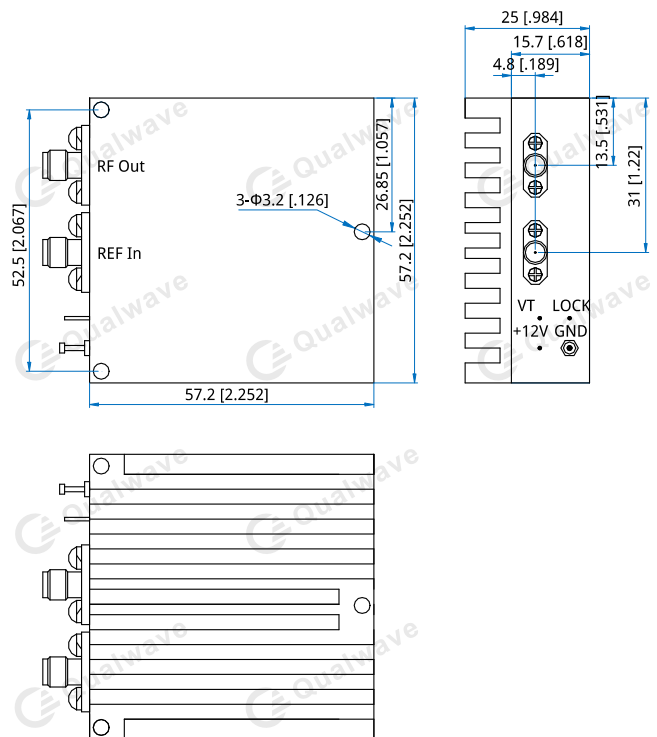
**Mechanical**

Size*1:	57.2*57.2*25mm 2.252*2.252*0.984in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	3-Φ3.2mm through-hole

[1] Exclude connectors.

**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-10-9.75**

Customization is available upon request.