

## QPDO-E-75-11.55

External Reference, 75MHz, 11.55GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	11.55GHz
Output Power:	+13~+15dBm
Spurious:	-76dBc max.@±(10MHz~2GHz)
Harmonic:	-20dBc max.
External Reference:	75MHz
	-94dBc/Hz max.@10Hz
	-124dBc/Hz max.@100Hz
	-150dBc/Hz max.@1kHz
	-165dBc/Hz max.@10kHz
	-165dBc/Hz max.@100kHz
Input Power:	10±3dBm
Phase Noise:	-47dBc/Hz max.@10Hz
	-77dBc/Hz max.@100Hz
	-87dBc/Hz max.@1KHz
	-97dBc/Hz@10KHz
	-107dBc/Hz max.@100KHz
	-117dBc/Hz max.@1MHz
	-127dBc/Hz max.@10MHz
	-136dBc/Hz max.@50MHz max.
Voltage:	+12±0.5V
Current:	450mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

### Mechanical

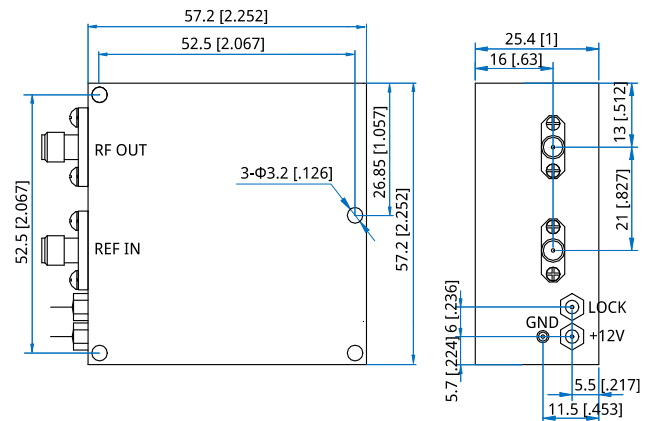
Size*1:	57.2*57.2*25.4mm 2.252*2.252*1in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through
Mounting:	3-Φ3.2mm through-hole

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]  
Tolerance: ±0.5mm [±0.02in]

### How To Order

**QPDO-E-75-11.55**

Customization is available upon request.