

## QPDO-I-100-3.25

Internal Reference, 100MHz, 3.25GHz

### Features:

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

### Applications:

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

### Electrical

|                      |                  |
|----------------------|------------------|
| Output Frequency:    | 3.25GHz          |
| Output Power :       | 7±1dBm min.      |
| Frequency Stability: | ±1ppm max.       |
| Internal Reference:  | 100MHz           |
|                      | 0dBm min.        |
|                      | -145dBc/Hz@1KHz  |
|                      | -160dBc/Hz@10KHz |
| Phase Noise:         | -120dBc/Hz@10KHz |
| Harmonic:            | -20dBc max.      |
| Spurious:            | -80dBc max.      |
| Voltage:             | +12V DC          |
| Current:             | 560mA max.       |
| Lock Indicator (LI): | TTL logic        |
|                      | High: locked     |
|                      | Low: unlocked    |

### Mechanical

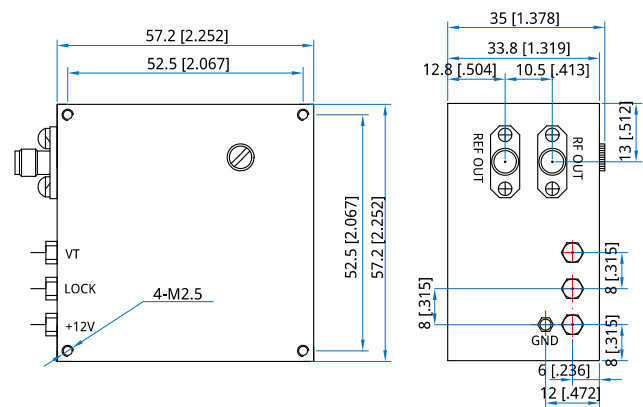
|                         |                            |
|-------------------------|----------------------------|
| Size*1:                 | 57.2*57.2*35mm             |
|                         | 2.252*2.252*1.378in        |
| Output Connectors:      | SMA female                 |
| Power Supply Interface: | Feed Through/Terminal Post |
| Mounting:               | 4-M2.5 through-hole        |

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPDO-I-100-3.25**

Customization is available upon request.