

## QPDO-I-100-4.1

Internal Reference, 100MHz, 4.1GHz

### Features:

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

### Applications:

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

### Electrical

Output Frequency:	4.1GHz
Output Power:	13dBm min
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
Internal Reference:	100MHz
Phase Noise:	-95dBc/Hz@100Hz -118dBc/Hz@1KHz -122dBc/Hz@10KHz -122dBc/Hz@100KHz -140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

### Mechanical

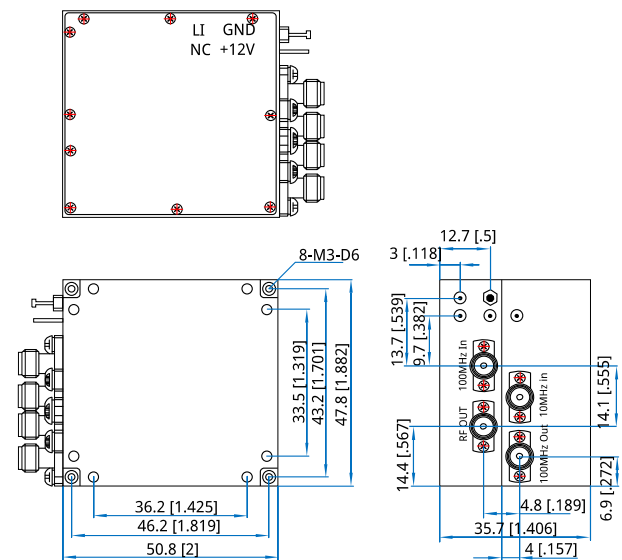
Size*1:	50.8*47.8*35.7mm 2*1.882*1.406in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	8-M3, Depth 6mm

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

### How To Order

**QPDO-I-100-4.1**

Customization is available upon request.