

## QPDO-EI-10-4.5

Internal Reference & External Reference, 10MHz, 4.5GHz

**Features:**

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

**Applications:**

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

**Electrical**

Output Frequency:	4.5GHz
Frequency Stability:	±0.1ppm max. As external reference when applied
Output Power:	13~15dBm
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
External Reference	10MHz
(Auto sense):	0~+10dBm
Phase Noise:	-92dBc/Hz@100Hz -116dBc/Hz@1KHz -120dBc/Hz@10KHz -120dBc/Hz@100KHz -140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

**Mechanical**

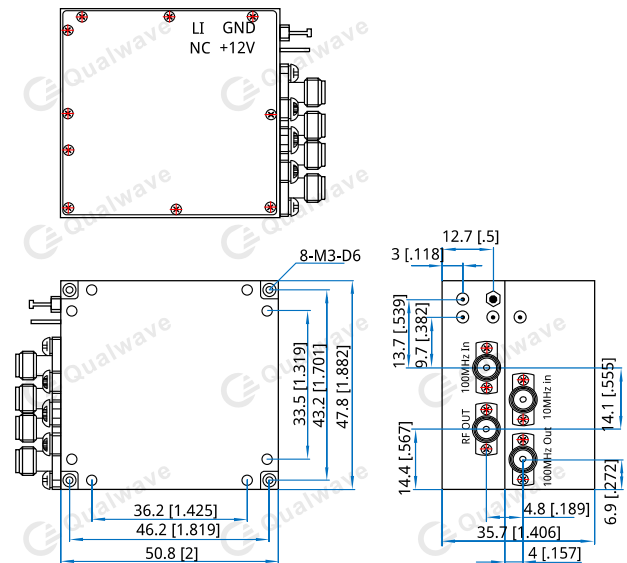
Size <sup>*1</sup> :	50.8*47.8*35.7mm 2*1.882*1.406in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	8-M3, Depth 6mm

[1] Exclude connectors.

**Environmental**

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

**Outline Drawings**



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**QPDO-EI-10-4.5**

Customization is available upon request.