

QPDO-E-10-4.5

External Reference, 10MHz, 4.5GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	4.5GHz
Output Power:	13dBm min
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
External Reference:	10MHz
	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
Impedance:	50Ω

Mechanical

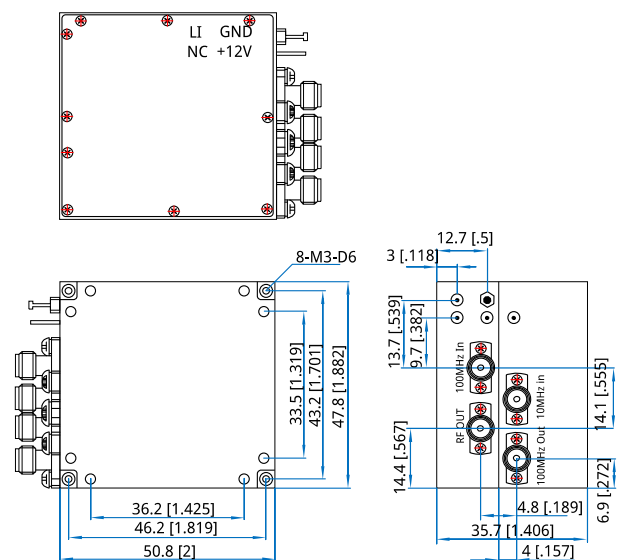
Size*1:	50.8*47.8*35.7mm
	2*1.882*1.406in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through
Mounting:	8-M3, depth 6mm

[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-E-10-4.5

Customization is available upon request.