

QPDO-E-100-8

External Reference, 100MHz, 8GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

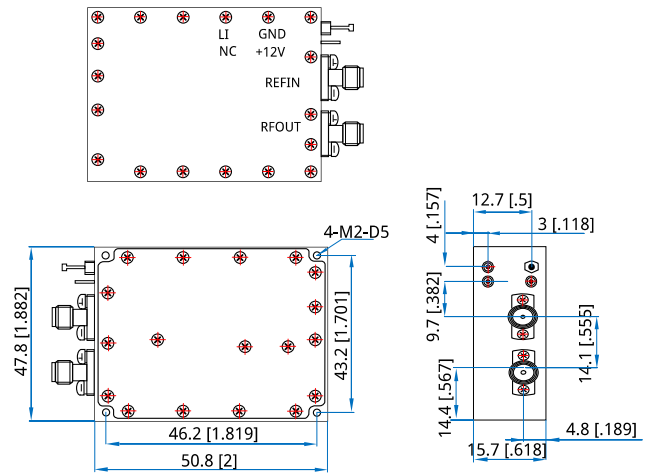
Applications:

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

Electrical

Output Frequency:	8GHz
Output Power:	+13~+15dBm
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
External Reference:	100MHz
	-125dBc/Hz@100Hz
	-155dBc/Hz@1KHz
	-165dBc/Hz@10KHz
	-165dBc/Hz@100KHz
	-165dBc/Hz@1MHz
Input Power:	3~10dBm
Phase Noise:	-90dBc/Hz@100Hz
	-113dBc/Hz@1KHz
	-120dBc/Hz@10KHz
	-120dBc/Hz@100KHz
	-140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	300mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-E-100-8

Customization is available upon request.

Mechanical

Size*1:	50.8*47.8*15.7mm
	2*1.882*0.618in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2, Depth 5mm

[1] Exclude connectors.

Environmental

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