

QPDO-E-100-7

External Reference, 100MHz, 7GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	7GHz
Output Power:	+13dBm min.
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
External Reference:	100MHz
	-130dBc/Hz@100Hz
	-155dBc/Hz@1KHz
	-165dBc/Hz@10KHz
	-165dBc/Hz@100KHz
	-165dBc/Hz@1MHz
Input Power:	-3~+3dBm
Phase Noise:	-92dBc/Hz@100Hz
	-115dBc/Hz@1KHz
	-120dBc/Hz@10KHz
	-120dBc/Hz@100KHz
	-130dBc/Hz@700KHz
	-140dBc/Hz@1MHz
	-150dBc/Hz@5MHz
Voltage:	+12V DC
Current:	350mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

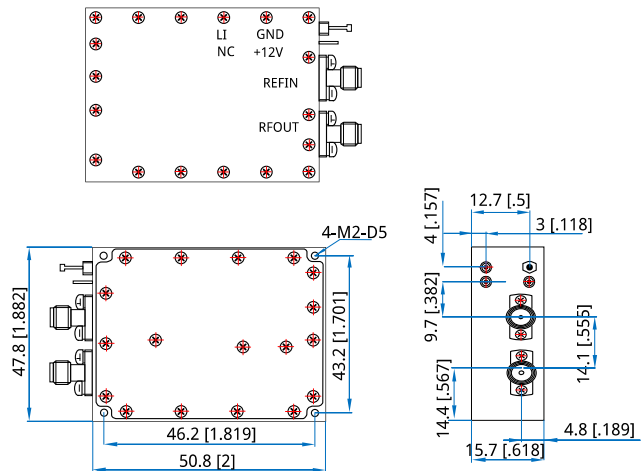
Size*1:	50.8*47.8*15.7mm
	2*1.882*0.618in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2, Depth 5mm

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-45~+85°C

Outline Drawings



Unit: mm [in]

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

How To Order

QPDO-E-100-7

Customization is available upon request.