

FPDO-E-100-4-1

External Reference, 100MHz, 4GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	4GHz
Output Power:	9~11dBm
Spurious:	-80dBc min.
Harmonic:	-30dBc min.
External Reference:	100MHz(-3~+3dBm)
	-130dBc/Hz@100Hz
	-160dBc/Hz@1KHz
	-165dBc/Hz@10KHz
	-168dBc/Hz@100KHz
Phase Noise:	-88dBc/Hz@100Hz
	-120dBc/Hz@1KHz
	-124dBc/Hz@10KHz
	-124dBc/Hz@100KHz
	-140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	250mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

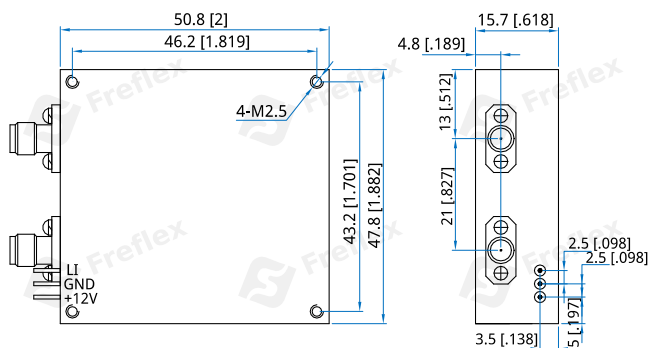
Size*1:	50.8*47.8*15.7mm
	2*1.882*0.618in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+75°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

FPDO-E-100-4-1

Customization is available upon request.