

FPDO-E-100-14-1

External Reference, 100MHz, 14GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	14GHz
Output Power:	16±2dBm
Spurious:	-80dBc max.
Harmonic:	-20dBc max.
External Reference:	100MHz
	-130dBc/Hz@100Hz
	-155dBc/Hz@1KHz
	-168dBc/Hz@10KHz
	-170dBc/Hz@100KHz
	-170dBc/Hz@1MHz
Input Power:	0±3dBm
Phase Noise:	-85dBc/Hz@100Hz
	-107dBc/Hz@1KHz
	-117dBc/Hz@10KHz
	-117dBc/Hz@100KHz
	-135dBc/Hz@1MHz
MTBF:	200,000hours min.
Voltage:	+12V DC
Current:	300mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

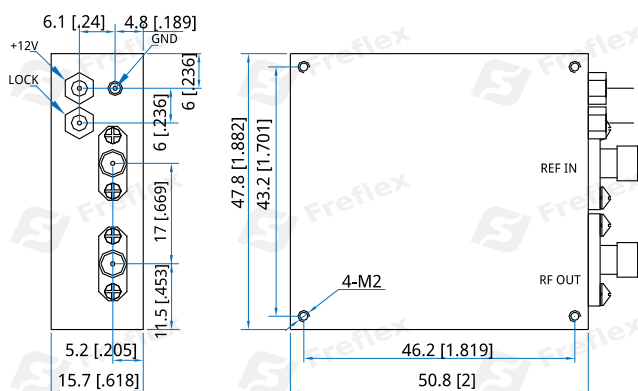
Size*1:	50.8*47.8*15.7mm
	2*1.882*0.618in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2, through hole

[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

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Customization is available upon request.