

FPDO-E-100-1

External Reference, 100MHz, 1GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

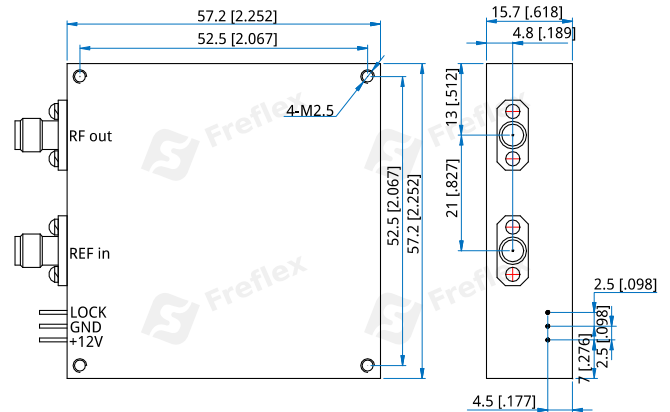
Applications:

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

Electrical

Output Frequency:	1GHz
Output Power:	13dBm min
Spurious:	-70dBc max. @±1GHz
Harmonic:	-20dBc max.
External Reference:	100MHz(-3~+3dBm)
	-75dBc/Hz@1Hz max.
	-95dBc/Hz@10Hz max.
	-115dBc/Hz@100Hz max.
	-150dBc/Hz@1KHz max.
	-165dBc/Hz@10KHz max.
	-165dBc/Hz@100KHz max.
	-165dBc/Hz@1MHz max.
Phase Noise:	-90dBc/Hz@100Hz
	-127dBc/Hz@1KHz
	-130dBc/Hz@10KHz
	-130dBc/Hz@100KHz
	-140dBc/Hz@1MHz
Voltage:	+12V DC
Current:	450mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

FPDO-E-100-1

Customization is available upon request.

Mechanical

Size*1:	57.2*57.2*15.7mm
	2.252*2.252*0.618in
RF Connectors:	SMA Female
Mounting:	4-M2.5mm through hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+75°C
Non-operating Temperature:	-55~+85°C