

FPDO-E-25-14.025

External Reference, 25MHz, 14.025GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	14.025GHz
Output Power:	13~15dBm min.
Input Power:	3 ~ 13dBm
Spurious:	-80dBc max. @ $\pm(0.01\sim2\text{GHz})$
Harmonic:	-15dBc max.
External Reference:	25MHz
	-111dBc/Hz@10Hz
	-141dBc/Hz@100Hz
	-158dBc/Hz@1KHz
	-168dBc/Hz@10KHz
	-174dBc/Hz@100KHz
Phase Noise:	-50dBc/Hz@10Hz
	-79dBc/Hz@100Hz
	-85dBc/Hz@1KHz
	-90dBc/Hz@10KHz
	-102dBc/Hz@100KHz
	-125dBc/Hz@1MHz
	-131dBc/Hz@10MHz
Voltage:	+12V DC
Current:	450mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

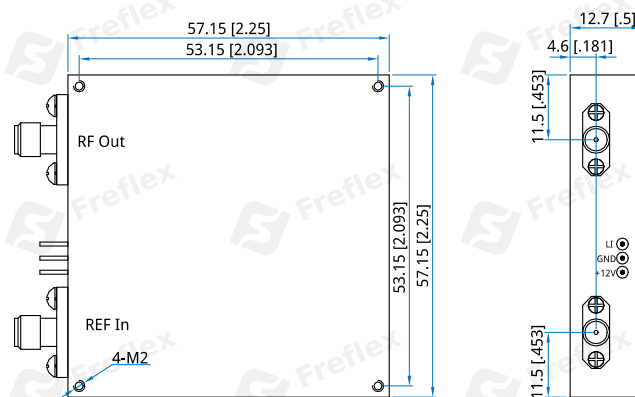
Size ^{*1} :	57.15*57.15*12.7mm 2.25*2.25*0.5in
RF Connectors:	SMA female
Power Supply & Control Interface:	Feed Through/Terminal Post
Mounting:	4-M2 through-hole

[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-25-14.025

Customization is available upon request.