

FPDO-I-100-12.5

Internal Reference, 100MHz, 12.5GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	12.5GHz
Frequency Stability:	±0.5ppm max.
Output Power:	13dBm min.
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
Internal Reference:	100MHz
Phase Noise:	-98dBc/Hz@10KHz max. -108dBc/Hz@100KHz max. -130dBc/Hz@1MHz max.
Voltage:	+12V
Current:	700mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

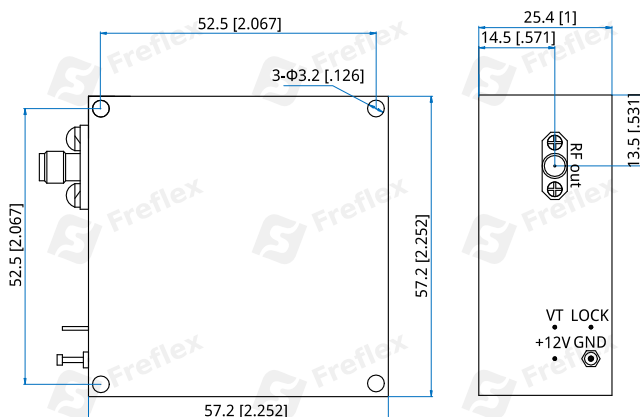
Size ^{*1} :	57.2*57.2*25.4mm 2.252*2.252*1in
RF Connectors:	SMA female
Power Supply Interface:	Feed through/Terminal post

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-I-100-12.5

Customization is available upon request.