

FPDO-I-10-2.24

Internal Reference, 10MHz, 2.24GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	2.24GHz, 10MHz
Frequency Stability:	±0.2ppm (no external reference) Follow the reference frequency (external reference)
Input Power:	0±3dBm
Internal Reference:	10MHz
Output Power:	10dBm min. @2.24GHz 5dBm min. @10MHz
Output Phase Noise:	-100dBc/Hz max. @100Hz -125dBc/Hz max. @1KHz -128dBc/Hz max. @10KHz -128dBc/Hz max. @100KHz -145dBc/Hz max. @1MHz
Output Spurious:	-70dBc max.
Output Harmonic:	-20dBc max.
Voltage:	+12V
Current:	700mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

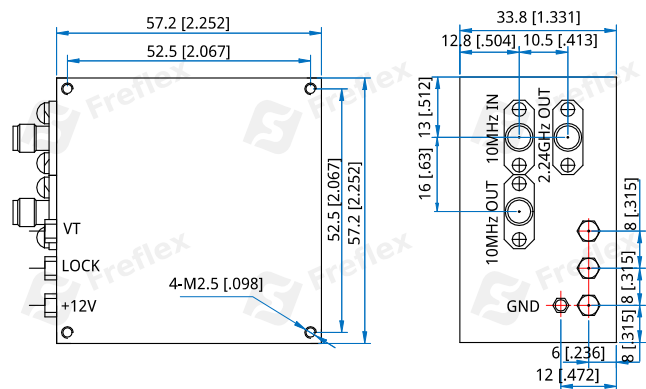
Size*1:	57.2*57.2*33.8mm 2.252*2.252*1.331in
RF Connectors:	SMA female
Power Supply Interface:	Feed through/Terminal post
Mounting:	4-M2.5mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-I-10-2.24

Customization is available upon request.