

FPDO-I-100-18

Internal Reference, 100MHz, 18GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	18GHz
Frequency Stability:	±1ppm max.
Power Stability:	±1.5dBm max.
Internal Reference:	100MHz
Output Power:	6dBm min.
Output Phase Noise:	-105dBc/Hz max. @10KHz -110dBc/Hz max. @100KHz -125dBc/Hz max. @1MHz
Output Spurious:	-70dBc max.
Output Harmonic:	-25dBc max. @9, 27, 36GHz
Voltage:	+12V
Current:	600mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

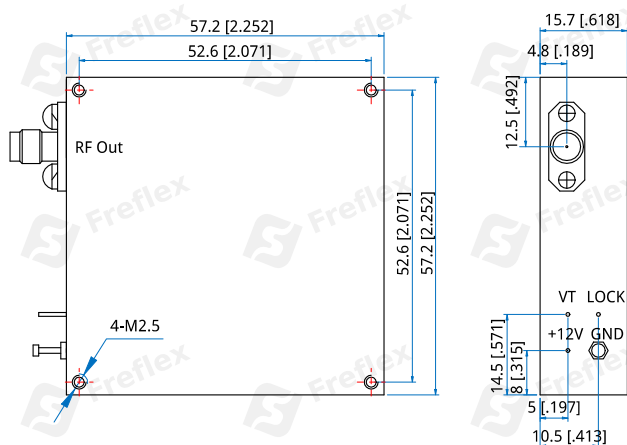
Size*1:	57.2*57.2*15.7mm 2.252*2.252*0.618in
RF Connectors:	SMA female
Power Supply Interface:	Feed through/Terminal post
Mounting:	4-M2.5mm through-hole

[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-100-18

Customization is available upon request.