

FPDO-I-100-6.55

Internal Reference, 100MHz, 6.55GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	6.55GHz
Output Power:	13dBm min.
Frequency Stability:	±0.2ppm max.
Spurious:	-80dBc max.
Harmonic:	-20dBc max.
Internal Reference:	100MHz
Phase Noise:	-88dBc/Hz max. @100Hz -120dBc/Hz max. @1KHz -126dBc/Hz max. @10KHz -126dBc/Hz max. @100KHz -140dBc/Hz max. @1MHz
Voltage:	+12V DC
Current:	600mA max. (stable) 700mA max. (first)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

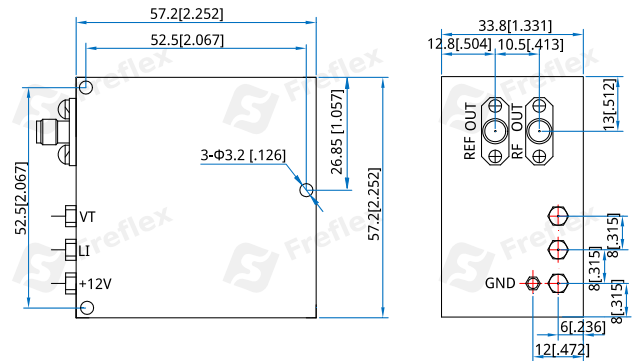
Size*1:	57.2*57.2*33.8mm 2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-100-6.55

Customization is available upon request.