

FPDO-I-125-26.25

Internal Reference, 125MHz, 26.25GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	26.25GHz
Output Power:	13dBm (± 1.5 dB) min.
Frequency Stability:	± 0.5 ppm max.
Output Spurious:	-75dBc max. @ $\pm(10$ MHz to 1GHz)
Output Harmonic:	-25dBc max. (@13.125GHz, 39.375GHz)
Internal Reference:	125MHz
Output Phase Noise:	-100dBc/Hz@1KHz max. -105dBc/Hz@10KHz max. -110dBc/Hz@100KHz max. -125dBc/Hz@1MHz max.
VSWR:	1.8 max.
Voltage:	+12 ± 1 V DC
Current:	700mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

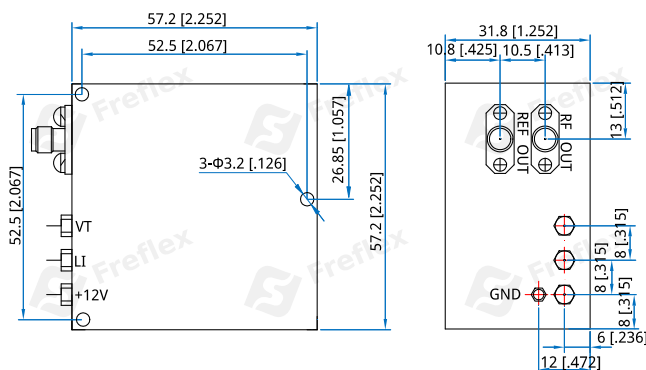
Size ^{*1} :	57.2*57.2*31.8mm 2.252*2.252*1.252in
RF Connectors:	2.92mm Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	3- $\Phi 3.2$ mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ± 0.2 mm [± 0.008 in]

How To Order

FPDO-I-125-26.25

Customization is available upon request.