

FPDO-E-125-19.5

External Reference, 125MHz, 19.5GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	19.5GHz
Output Power:	+13~+15dBm
Spurious:	-76dBc max.@±(10MHz~2GHz)
Harmonic:	-20dBc max. @9.75GHz, 29.25GHz
External Reference:	125MHz
	-90dBc/Hz max.@10Hz
	-120dBc/Hz max.@100Hz
	-135dBc/Hz max.@1kHz
	-160dBc/Hz max.@10kHz
	-160dBc/Hz max.@100kHz
Input Power:	10±3dBm
Phase Noise:	-41dBc/Hz max.@10Hz
	-71dBc/Hz max.@100Hz
	-83dBc/Hz max.@1KHz
	-93dBc/Hz max.@10KHz
	-103dBc/Hz max.@100KHz
	-113dBc/Hz max.@1MHz
	-123dBc/Hz max.@10MHz
	-130dBc/Hz max.@50MHz max.
Voltage:	+12±0.5V
Current:	450mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

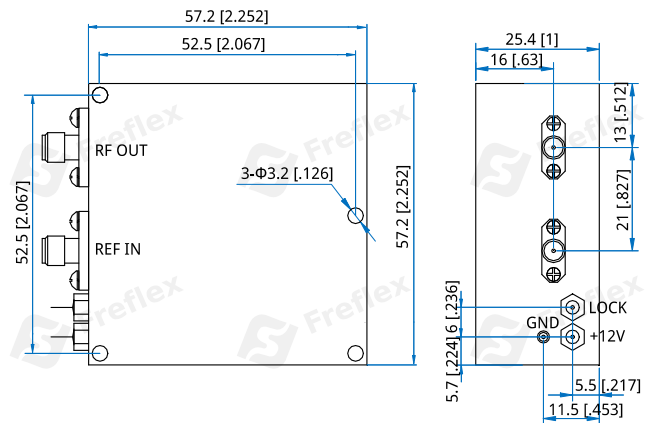
Size*1:	57.2*57.2*25.4mm 2.252*2.252*1in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through
Mounting:	3-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-45~+75°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

FPDO-E-125-19.5

Customization is available upon request.