

FPDO-E-75-12.075

External Reference, 75MHz, 12.075GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	12.075GHz
Output Power:	+13~+15dBm
Spurious:	-76dBc max.@±(10MHz~2GHz)
Harmonic:	-20dBc max.
External Reference:	75MHz
	-94dBc/Hz max.@10Hz
	-124dBc/Hz max.@100Hz
	-150dBc/Hz max.@1kHz
	-165dBc/Hz max.@10kHz
	-165dBc/Hz max.@100kHz
Input Power:	10±3dBm
Phase Noise:	-47dBc/Hz max.@10Hz
	-77dBc/Hz max.@100Hz
	-87dBc/Hz max.@1kHz
	-97dBc/Hz max.@10kHz
	-107dBc/Hz max.@100kHz
	-117dBc/Hz max.@1MHz
	-127dBc/Hz max.@10MHz
	-136dBc/Hz max.@50MHz max.
Voltage:	+12±0.5V
Current:	450mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

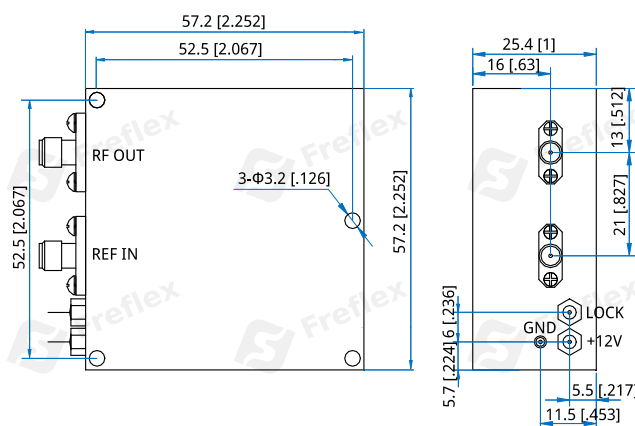
Size*1:	57.2*57.2*25.4mm
	2.252*2.252*1in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through
Mounting:	3-Φ3.2mm through-hole

[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-75-12.075

Customization is available upon request.