

FPDO-E-100-30-2

External Reference, 100MHz, 30GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	30GHz
Output Power:	15dBm min
Spurious:	-68dBc max.
Harmonic:	-20dBc max. (@10, 20, 40GHz)
External Reference:	100MHz
Frequency Stability	100MHz
Input Power:	0±5dBm
Phase Noise:	-102dBc/Hz@1KHz max.
Voltage:	+12V DC
Current:	500mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

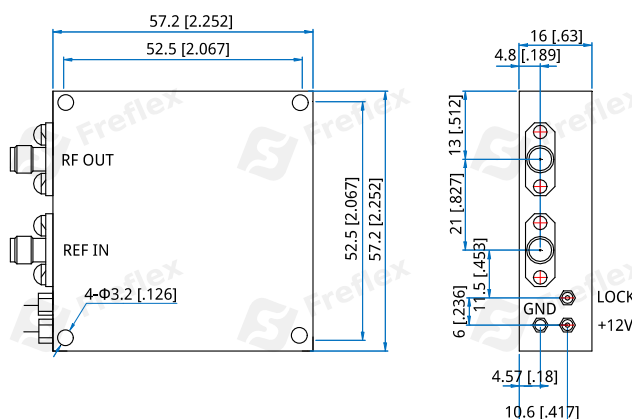
Size*1:	57.2*57.2*16mm
	2.252*2.252*0.63in
RF In Connectors:	SMA Female
RF Out Connectors:	2.92mm Female
Power Supply Interface:	Feed Through
Mounting:	4-3.2mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPDO-E-100-30-2

Customization is available upon request.