

FPDO-E-100-20

External Reference, 100MHz, 20GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	20GHz
Output Power:	13dBm min
Spurious:	-70dBc max.
1/2 Spurious:	-60dBc max.
Harmonic:	-20dBc max.
External Reference:	100MHz
	-130dBc/Hz@100Hz
	-155dBc/Hz@1KHz
	-165dBc/Hz@10KHz
	-165dBc/Hz@100KHz
	-165dBc/Hz@1MHz
Input Power:	3~10dBm
Phase Noise:	-80dBc/Hz@100Hz
	-103dBc/Hz@1KHz
	-112dBc/Hz@10KHz
	-112dBc/Hz@100KHz
	-133dBc/Hz@1MHz
Voltage:	+12V DC
Current:	350mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

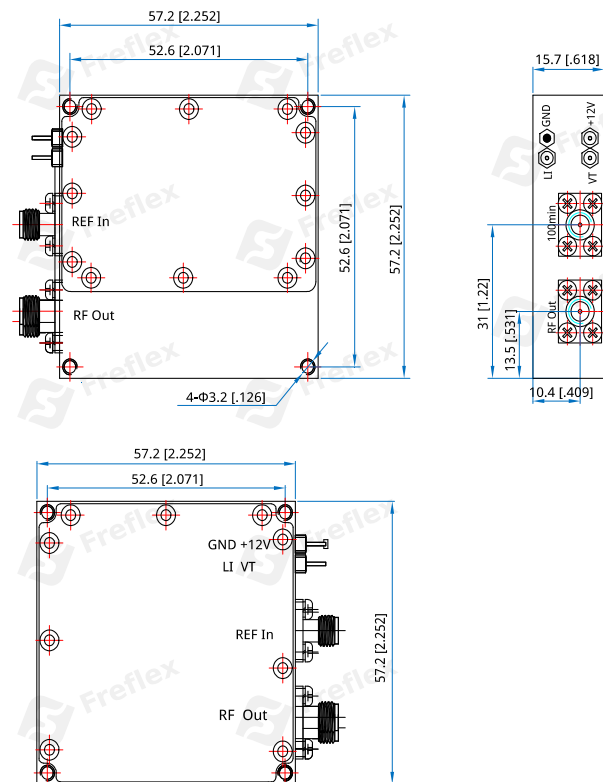
Size*1:	57.2*57.2*15.7mm
	2.252*2.252*0.618in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-E-100-20

Customization is available upon request.