

FPDO-E-10-6.94

External Reference, 10MHz, 6.94GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	6.94GHz
Output Power:	14dBm min
Spurious:	-75dBc max.
Harmonic:	-20dBc max.
External Reference:	10MHz
	-170dBc/Hz@10kHz
Input Power:	0±3dBm
Phase Noise:	-82dBc/Hz@1KHz max.
	-85dBc/Hz@10KHz max.
Voltage:	+15±0.5V DC
Current:	300mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

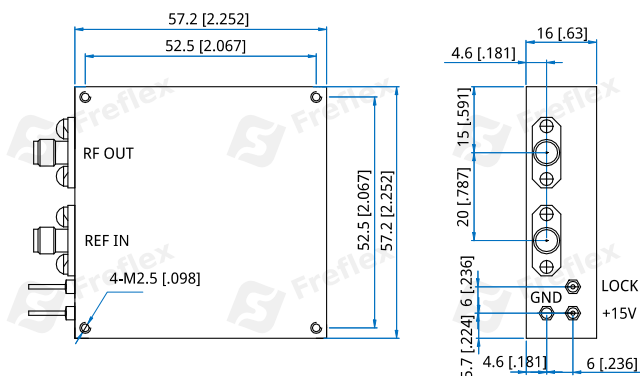
Size*1:	57.2*57.2*15.7mm
	2.252*2.252*0.618in
RF Connectors:	SMA Female (removable)
Power Supply Interface:	Feed Through
Mounting:	4-M2.5mm through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPDO-E-10-6.94

Customization is available upon request.