FPDO-E-100-22

External Reference, 100MHz, 22GHz

Features:
* High Frequency Stability
* Ultra Low Phase Noise

Applications:
* Wireless
* Transceiver
* Laboratory Test
* Radar

Electrical

Output Frequency:	22GHz
Output Power:	+7~+12dBm
Output Spurious:	-65dBc max.
Output Harmonic:	-20dBc max.
External Reference:	100MHz (-5~+8dBm)
	-70dBc/Hz@10Hz max.
	-100dBc/Hz@100Hz max.
	-130dBc/Hz@1KHz max.
	-150dBc/Hz@10KHz max.
	-155dBc/Hz@100KHz max.
Output Phase Noise:	-20dBc/Hz@10Hz max.
	-50dBc/Hz@100Hz max.
	-80dBc/Hz@1KHz max.
	-90dBc/Hz@10KHz max.
	-90dBc/Hz@100KHz max.
	-120dBc/Hz@1MHz max.
Voltage:	+15V
Current:	380mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

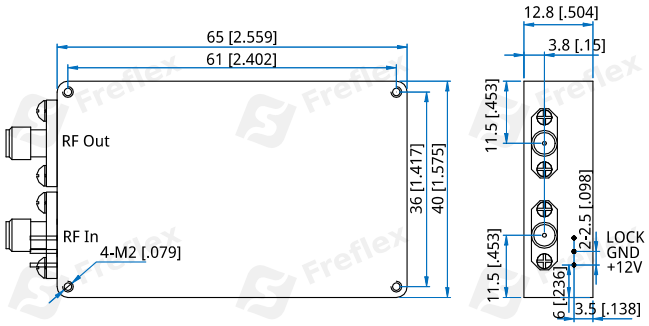
Size[*1]:	65*40*12.8mm
	2.559*1.575*0.504in
RF In Connectors[*2]:	SMA Female
RF Out Connectors[*3]:	SMA Female
Power Supply Interface[*4]:	Feed Through/Terminal Post
Mounting:	4-M2mm through-hole

[1] Exclude connectors.
[2] Removable, PIN: Φ0.38°.
[3] Removable, PIN: Φ0.38°.
[4] PIN: Φ0.7°.

Environmental

Operating Temperature:	-20~+70℃
Non-operating Temperature:	-55~+85℃

Outline Drawings



Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-E-100-22

Customization is available upon request.