

FPDO-E-100-8.2-1

External Reference, 100MHz, 8.2GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	8.2GHz
Output Power:	14dBm min
External Reference:	100MHz
	-135dBc/Hz max. @100Hz
	-160dBc/Hz max. @1KHz
	-170dBc/Hz max. @10KHz
	-170dBc/Hz max. @100KHz
	-175dBc/Hz max. @1MHz
Frequency Stability:	Follow the reference frequency
Output Phase Noise:	-94dBc/Hz max. @100Hz
	-119dBc/Hz max. @1KHz
	-125dBc/Hz max. @10KHz
	-125dBc/Hz max. @100KHz
	-140dBc/Hz max. @1MHz
Input Power:	0±5dBm
Output Spurious:	-80dBc max.
Output Harmonic:	-25dBc max.
Voltage:	+12V
Current:	300mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

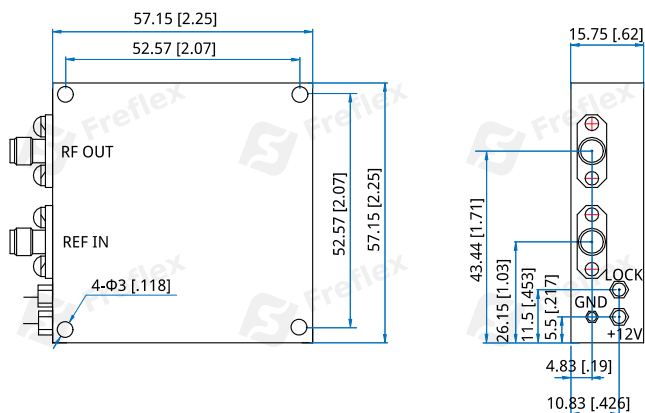
Size ^{*1} :	57.15*57.15*15.75mm 2.25*2.25*0.62in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+80°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.