

FPDO-E-25-13.275-1

External Reference, 25MHz, 13.275GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	13.275GHz
Output Power:	+13~+15dBm
Reference Input Power:	+7~+13dBm
Output Spurious:	-71dBc max. @±(10MHz to 2GHz)
Output Harmonics:	-20dBc max.
External Reference:	25MHz (-115dBc/Hz max. @10Hz -140dBc/Hz max. @100Hz -155dBc/Hz max. @1KHz -165dBc/Hz max. @10KHz -168dBc/Hz max. @100KHz)
Output Phase Noise:	-52dBc/Hz max. @10Hz -83dBc/Hz max. @100Hz -100dBc/Hz max. @1KHz -108dBc/Hz max. @10KHz -114dBc/Hz max. @100KHz -131dBc/Hz max. @1MHz -136dBc/Hz max. @10MHz
Voltage:	+12±0.5V DC
Current:	650mA max. (first) 450mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Environmental

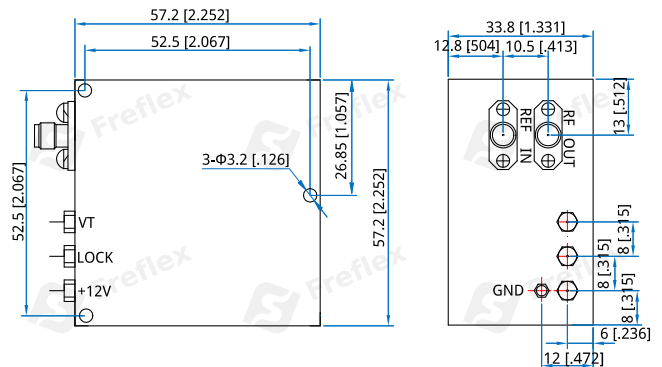
Operating Temperature:	-40~+75°C
Cold Start Temperature:	-45°C max.
Non-operating Temperature:	-55~+85°C

Mechanical

Size*1:	57.2*57.2*33.8mm 2.252*2.252*1.331in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	3-Φ3.2mm through-hole

[1] Exclude connectors.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.