

FPDO-E-100-11

External Reference, 100MHz, 11GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

| | |
|----------------------|-------------------|
| Output Frequency: | 11GHz |
| Output Power: | 13dBm min |
| Spurious: | -70dBc max. |
| Harmonic: | -20dBc max. |
| External Reference: | 100MHz |
| | -157dBc/Hz@1kHz |
| Input Power: | 3~10dBm |
| Phase Noise: | -83dBc/Hz@100Hz |
| | -105dBc/Hz@1KHz |
| | -113dBc/Hz@10KHz |
| | -115dBc/Hz@100KHz |
| | -135dBc/Hz@1MHz |
| Voltage: | +12V DC |
| Current: | 350mA max. |
| Lock Indicator (LI): | TTL logic |
| | High: locked |
| | Low: unlocked |

Mechanical

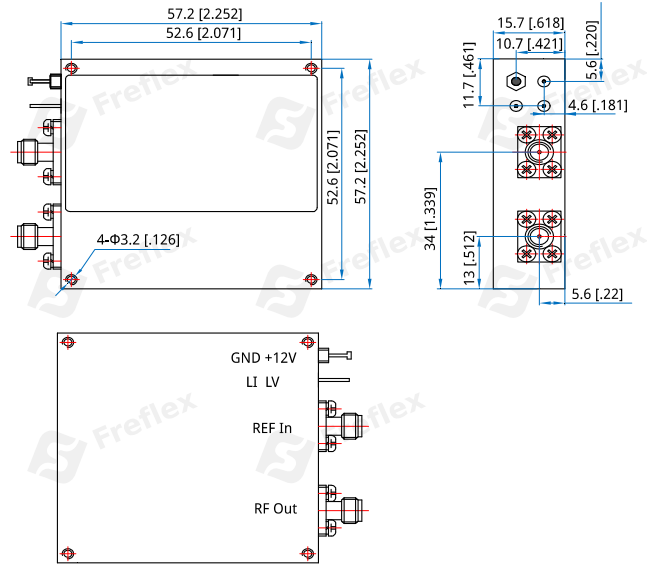
| | |
|-------------------------|----------------------------|
| Size ^{*1} : | 57.2*57.2*15.7mm |
| | 2.252*2.252*0.618in |
| RF Connectors: | SMA Female |
| Power Supply Interface: | Feed Through/Terminal Post |
| Mounting: | 4-Φ3.2mm through-hole |

[1] Exclude connectors.

Environmental

| | |
|----------------------------|-----------|
| Operating Temperature: | -40~+70°C |
| Non-operating Temperature: | -45~+85°C |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-E-100-11

Customization is available upon request.