

FPDO-I-100-32

Internal Reference, 100MHz, 32GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	32GHz
Frequency Stability:	±1ppm max.
Output Power:	10dBm min.
Internal Reference:	100MHz
Phase Noise:	-65dBc/Hz max. @100Hz -75dBc/Hz max. @1KHz -80dBc/Hz max. @10KHz -80dBc/Hz max. @100KHz -115dBc/Hz max. @1MHz
Spurious:	-65dBc max. @±1GHz
Harmonic:	-20dBc max.
Voltage:	+12V
First Current:	950mA max.
Stable Current:	580mA max.
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

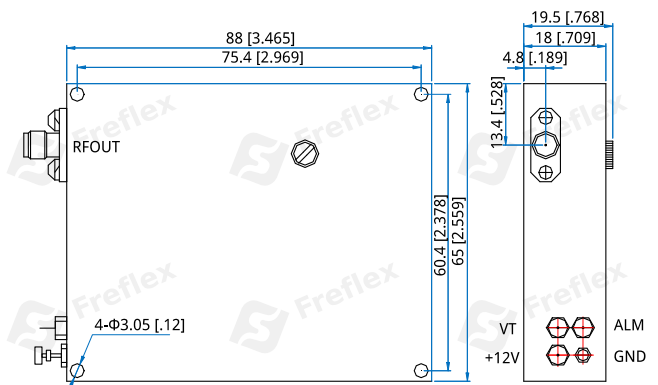
Size ^{*1} :	88*65*19.5mm 3.465*2.559*0.768in
RF Connectors:	2.92mm Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-Φ3.05 through-hole

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

FPDO-I-100-32

Customization is available upon request.