

FPDO-E-10-20.199

External Reference, 10MHz, 20.199GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	20.199GHz
Output Power:	10dBm min.
Reference Input Power:	0~+5dBm
Output Spurious:	-68dBc max. @±(10MHz to 2GHz)
Output Harmonics:	-20dBc max. @10.0995GHz, @30.2985GHz, @40.398GHz
External Reference:	10MHz
	-120dBc/Hz max. @10Hz
	-140dBc/Hz max. @100Hz
	-155dBc/Hz max. @1KHz
	-165dBc/Hz max. @10KHz
	-165dBc/Hz max. @100KHz
Output Phase Noise:	-45dBc/Hz max. @10Hz
	-75dBc/Hz max. @100Hz
	-85dBc/Hz max. @1KHz
	-97dBc/Hz max. @10KHz
	-104dBc/Hz max. @100KHz
	-115dBc/Hz max. @1MHz
	-130dBc/Hz max. @10MHz
	-130dBc/Hz max. @100MHz
Voltage:	+12±0.5V
Current:	750mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Environmental

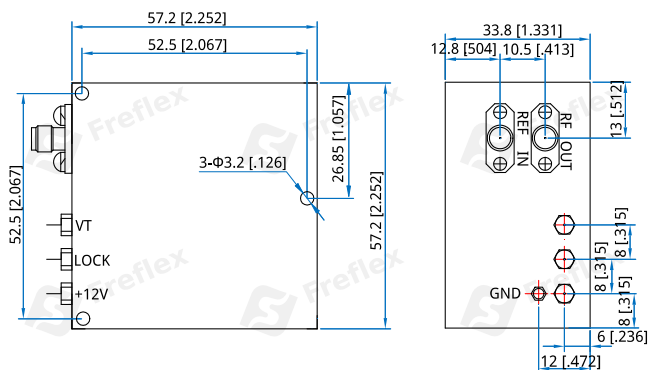
Operating Temperature:	-55~+75°C
Non-operating Temperature:	-55~+85°C

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

FPDO-E-10-20.199

Customization is available upon request.