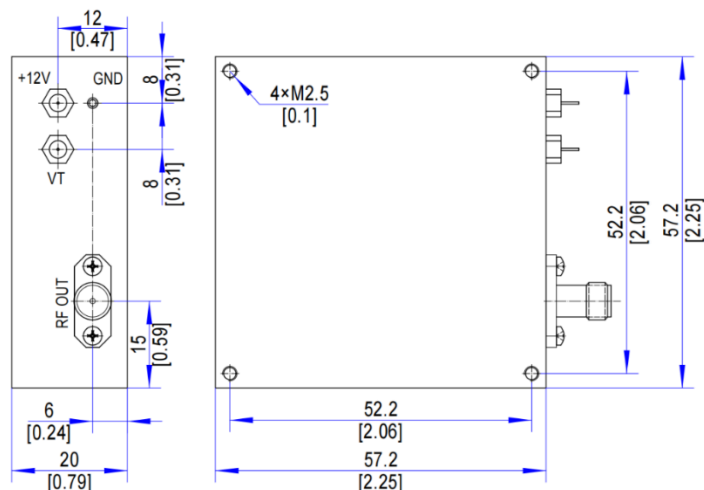


FSOXO-1500-125N

Frequency Sources, OCXO Module, 1500 MHz, -125dBc/Hz@1kHz

Electrical Specifications			
Output Frequency	1500 MHz	Daily Aging Rate ²	±5 ppb/day Max.
Output Waveform	Sine Wave	Annual Aging Rate ²	±0.5ppm/year Max.
Frequency Accuracy ¹	±0.2 ppm Max.	Phase Noise	-125 dBc/Hz Max. @ 1kHz
Output Power	+8 ~ +10 dBm		-130 dBc/Hz Max. @ 10kHz
Spurious	-75 dBc Max.		-130 dBc/Hz Max. @ 100kHz
Harmonic	-30 dBc Max.	Supply Voltage	+12 V DC ± 5%
Temperature Stability	±0.1ppm Max. (at -40°C~+70°C)	Steady-State Current	400mA Max. (at 25±5°C in still air)
		Warm-Up Current ³	600 mA Max.
Environmental Specifications			
Operating Temperature	-40°C~+70°C		
Storage Temperature	-55°C~+105°C		
Mechanical Specifications			
RF Connectors	SMA-Female		
DC/Control Interface	Feedthrough Pins		
Dimensions	57.2x57.2x20 mm [2.25x2.25x0.79 in]		

Outline Drawing (Dimensions in mm [in]; Tolerance: ±0.3 mm [±0.01 in])



Ordering Information:

Model: **FSOXO-1500-125N**

Notes:

1. at 25 ± 5°C, VT=5.0 ± 0.1V
2. Aging specifications apply After 14 days of continuous Operation.
3. During the first minute at 25 ± 5°C