

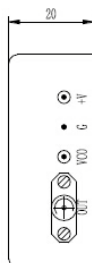
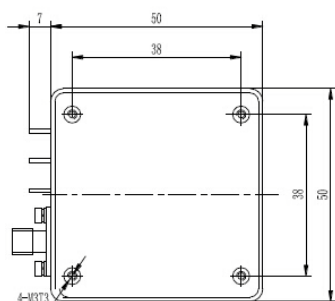
750B

Low phase noise OCXO

Technical Specifications

Standard Frequency	100 MHz		
Phase Noise (dBc/Hz)	Option: S	Option: L	Option: U
1 Hz	-90	-95	-100
10 Hz	-90	-100	-105
100 Hz	-120	-125	-130
1 KHz	-150	-155	-160
10 KHz	-160	-165	-170
100 KHz	-165	-170	-173
Aging (after 30 days of continuous operation)	$\leq 5 \times 10^{-9}$ / year		
Input voltage range	12 VDC \pm 5%		
Warm up time (at 25°C to 5×10^{-7})	≤ 5 min		
Output specifications			
Output Wave form	Sine wave		
Frequency stability vs Temperature (-40°C to 70°C)	$\leq 1 \times 10^{-10}$		
Frequency stability vs Voltage	$\leq \pm 5 \times 10^{-7}$		
Frequency stability vs Load	$\leq \pm 5 \times 10^{-7}$		
Harmonics	≤ -30 dBc		
Spurious	≤ -80 dBc		
Load	50 Ω		
Level	7 \pm 2 dBm		
Storage Temperature Range	-40°C to 85°C		
Vibration	MIL-STD-202G		
Frequency control	0 ~ 5Volts		
Size (L×W×H)	50.8×50.8×20 mm		

Outline drawing and Electrical connections (mm)



- 1.Out : RF output (SMA)
2. VCO : Control voltage
- 3.G : Ground
- 4.+V : Voltage supply

Ordering Information: 750B-xx-xx

Example: 750B-L-100MHz