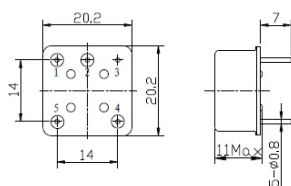


520B TCXO

Technical Specifications

Standard Frequency	100 MHz		
Phase Noise (dBc/Hz)	Option: S	Option: L	Option: U
100 Hz	-100	-105	-110
1 KHz	-135	-140	-150
10 KHz	-145	-150	-155
100 KHz	-150	-155	-160
Aging (after 30 days of continuous operation)	$\leq 3 \times 10^{-7}$ / year		
Input voltage range	5 VDC		
Output specifications			
Output Wave form	Sine wave		
Frequency stability vs Temperature (-40°C to 70°C)	$\leq 1 \times 10^{-7}$		
Frequency stability vs Voltage	$\leq \pm 5 \times 10^{-7}$		
Frequency stability vs Load	$\leq \pm 5 \times 10^{-7}$		
Harmonics	≤ -25 dBc		
Spurious	≤ -70 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)	20×20×10 mm		

Outline drawing and Electrical connections (mm)



1. Control voltage
2. V_{REF}
3. Ground
4. RF output
5. Voltage supply

Ordering Information: 520B-xx-xx

Example: 520B-U-100MHz