

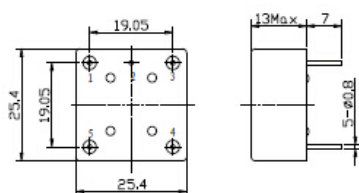
625A

Low phase noise OCXO

Technical Specifications

Standard Frequency	10 MHz		
Phase Noise (dBc/Hz)	Option: S	Option: L	Option: U
10 Hz	-120	-130	-135
100 Hz	-130	-145	-150
1 KHz	-145	-160	-165
10 KHz	-150	-163	-170
100 KHz	-155	-165	-173
Aging (after 30 days of continuous operation)	$\leq 5 \times 10^{-8}$ / 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)	$\leq 3 \times 10^{-8}$		
Frequency stability vs Voltage	$\leq \pm 5 \times 10^{-8}$		
Frequency stability vs Load	$\leq \pm 5 \times 10^{-8}$		
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)	25.4×25.4×13 mm		

Outline drawing and Electrical connections (mm)



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

Ordering Information: 625A-xx-xx

Example: 625A-U-10MHz