

710A 10MHz OCXO

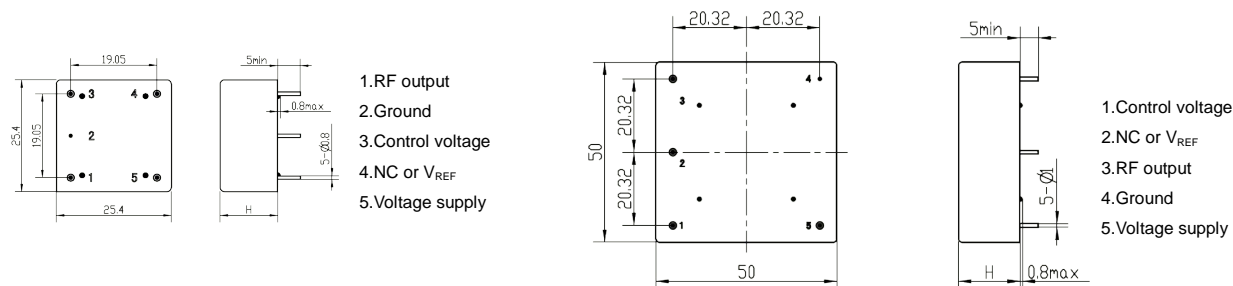


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Technical Specifications

Standard Frequency	10MHz
	Option: 5MHz
Short-term stability	$\leq 8 \times 10^{-13}/1s$
Phase Noise (at 10MHz, $\pm 2dBc/Hz$)	
1 Hz	-110
10 Hz	-135
100 Hz	-150
1 kHz	-160
10 kHz	-162
Aging (after 30 days of continuous operation)	$\leq 5 \times 10^{-10} / \text{day}$
	$\leq 5 \times 10^{-9} / \text{month}$
	$\leq 5 \times 10^{-8} / \text{year}$
Input voltage range	12VDC \pm 5%
	Option 05: 5VDC \pm 5%
Output specifications	
Output Wave form	Sine wave
Output Power	10 \pm 3dBm
Frequency stability vs Temperature (-20°C to 70°C)	$\leq 5 \times 10^{-8}$
Frequency stability vs Voltage	$\leq \pm 5 \times 10^{-9}$
Frequency stability vs Load	$\leq \pm 5 \times 10^{-9}$
Harmonics	$\leq -30dBc$
Spurious	$\leq -70dBc$
Load	50 Ω \pm 5%
Operating Temperature Range	-20°C to 70°C
Storage Temperature Range	-40°C to 85°C
Vibration	MIL-STD-202G
Frequency control	0 ~ 5Volts ($\leq \pm 5 \times 10^{-7}$)
Size (L×W×H)	Option 25: 25.4×25.4×12.7mm
	Option 50: 50.8×50.8×19.05mm

Outline drawing and Electrical connections (mm)



Ordering Information: 710A-xx-xx

Example: 710A-50-10MHz

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