



Crystal Oscillator

SERIES 6X, Oven Controlled Crystal Oscillator

APPLICATION

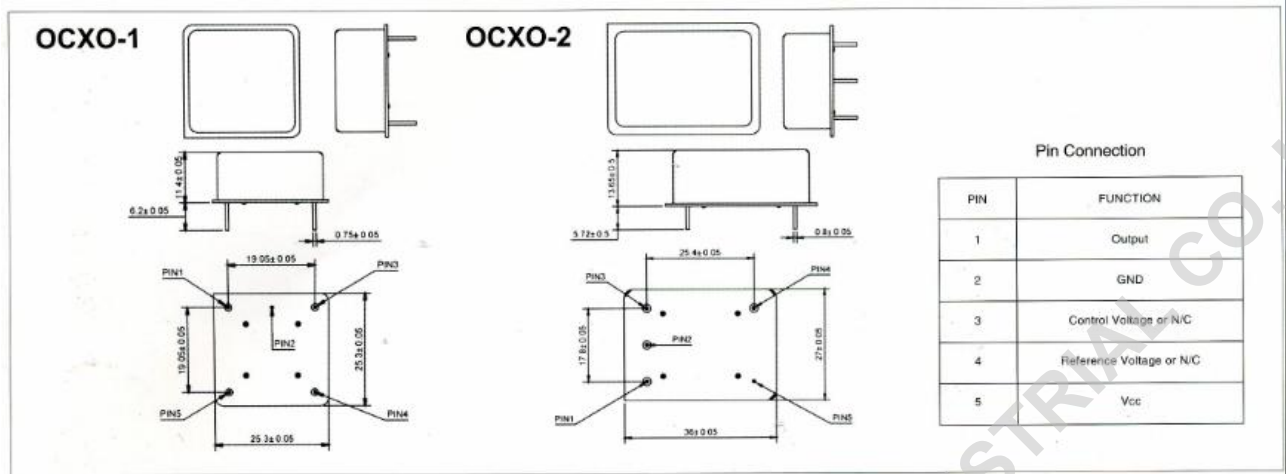
- Mobile communication, Avionics, Test Equipment, Electronic instruments
- Leadless type.
- Lead Free & RoHS Compliant



ELECTRICAL SPECIFICATIONS

型号 模式	Holder Type Model	OCXO-1 / OCXO-2 SC-cut / At-cut		
频率范围	Frequency Range	10.000MHz / 12.800MHz / 13.000MHz / 19.440MHz / 20.480MHz / 26.000MHz / 100MHz		
温度范围	Temperature Range	-40°C~+85°C / -20°C~+70°C / 0°C~+70°C		
温度稳定性	Temperature Stability	AT cut 100ppb / 50ppb / 20ppb		
		SC cut 20ppb / 10ppb / 5ppb		
输入电压	Supply Voltage	+3.3V / +5.0V / 12.0V		
老化率	Aging / Day	2ppb to 0.5ppb		
	Aging / Year	0.1ppb to 0.02ppb		
预热功率	Warm-up Power(25°C)	5W		
预热时间	Warm-up Time	5 minutes to better than 0.1 ppm of operating frequency		
		10 minutes to better than 0.05ppm of state frequency at 4 hours		
稳态功率	Steady State Power (25°C)	<1.5 Watts		
老化调整	Aging Adjustment	External potentiometer / DAC / Synchronization		
调整范围	Adjustment Range	0.5ppm Min. / 2.0ppm Max.		
中心电压	Center Voltage	5V to 2.5V TOR 12V Input		
		3.3V to 1.65V for 5V Input		
斜率	Slope	Positive		
相位噪音	Phase Noise @ (at 10.000MHz)	AT cut	SC cut	
		1Hz	-75 dBc/Hz	-90 dBc/Hz
		10Hz	-100 dBc/Hz	-120 dBc/Hz
		100Hz	-130 dBc/Hz	-135 dBc/Hz
		1KHz	-140 dBc/Hz	-150 dBc/Hz
		10KHz	-150 dBc/Hz	-150 dBc/Hz
100KHz	-150 dBc/Hz	-150 dBc/Hz		
输出波形	Output Wave Form	Sine		
寄生	Spurious	-75 dBc		
	Harmonics	-30 dBc		
负载	Load	50 ohms		

■ DIMENSION (mm)



SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD