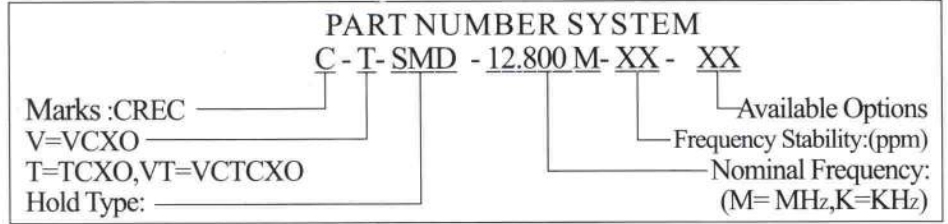




# SMD压控、温补晶体振荡器

## SMD Crystal Oscillators(VCXO,TCXO,VCTCXO)



### 产品用途 Application

此类产品主要用于移动电话、笔记本式电脑、PHS, GPS设备以及其它无线通信设备。

These products are widely used in the cellular phone, PHS, GPS, Notebook Computer, Portable peripherals and other wireless communications.

### 规格 Specifications

类型 TYPE		VCTCXO	TCXO	VCXO
频率范围 Frequency Range		10.00MHz to 30.00MHz	10.00MHz to 30.00MHz	1.50MHz to 52.00MHz
频率稳定度 Frequency stability	Vs Temperature	± 2.5ppm/-30℃ ~ +75℃	± 2.5ppm/-30℃ ~ +75℃	± 25ppm to ± 100ppm 0℃ ~ 70℃ (Standard), -40℃ ~ 85℃
	Vs Aging	± 1.0ppm/Year(25℃)	± 1.0ppm/Year(25℃)	± 3.0ppm/Year(25℃)
	Vs supply voltage	± 0.3ppm/Year(V <sub>cc</sub> ± 5%)	± 0.3ppm/Year(V <sub>cc</sub> ± 5%)	
储藏温度 Storage Temperature range		-40~+85℃	-40~+85℃	-55~+125℃
电源电压 Power supply voltage(V <sub>DD</sub> )		2.8~5.0V	2.8~5.0V	3.3V <sub>DC</sub> ± 10% 5.0V <sub>DC</sub> ± 10%
电流 Current consumption		2mA max	2mA max	10~25mA max 15~35mA max
输出 Output	Load	10kΩ/10PF	10kΩ/10PF	HCMOS/TTL Output
	Level	0.8Vp-p min	0.8Vp-p min	
	Waveform	Cinpped Sine Wave	Cinpped Sine Wave	
压控频偏 Frequency Pulling range		+1.5V <sub>DC</sub> ± 1.0V <sub>DC</sub>		+1.5V <sub>DC</sub> ± 1.3V <sub>DC</sub> +2.5V <sub>DC</sub> ± 2.0V <sub>DC</sub>
压控范围 Control voltage range		± 4.0ppm min		± 100ppm, ± 150ppm(only 5V), Available Option

除此之外, 我们可以根据客户需求定制, 欢迎索取更详尽规格书。

Other special specifications are designed according to customer's requirements, More details available.

### 外形尺寸 Outline and Dimension (mm)

