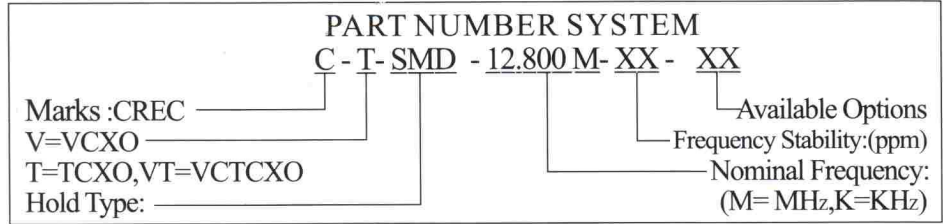




SMD压控、温补晶体振荡器

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 _{cc} ± 5%)	± 0.3ppm/Year(V _{cc} ± 5%)	
储藏温度 Storage Temperature range		-40~+85℃	-40~+85℃	-55~+125℃
电源电压 Power supply voltage(V _{DD})		2.8~5.0V	2.8~5.0V	3.3V _{DC} ± 10% 5.0V _{DC} ± 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 _{DC} ± 1.0V _{DC}		+1.5V _{DC} ± 1.3V _{DC} +2.5V _{DC} ± 2.0V _{DC}
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)

