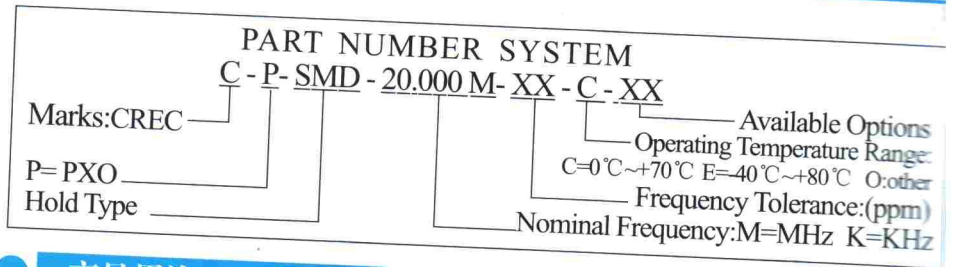




SMD晶体振荡器(PX0) SMD Crystal Oscillators(PX0)



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

输出	Output Logic	HCMOS/TTL Output	
输入电压	Input Voltage V_{DD}	$3.3V_{DC} \pm 10\%$ $5.0V_{DC} \pm 10\%$	
频率范围	Frequency Range	1.544MHz to 125.000MHz	
频率稳定度	Frequency Stability(a+b+c+d)	$\pm 25PPM, \pm 50PPM, \pm 100PPM$	
频率偏差	(a)Frequency tolerance	Inclusive of Overall Stability	
	(b)Temperature Stability	Inclusive of Overall Stability (Operating Temperature)	
	(c)Input Voltage Stability	Inclusive of Overall Stability ($V_{DD} \pm 10\%$)	
	(d)Load Stability	Inclusive of Overall Stability ($RL \pm 5\%$)	
老化率	Aging(@25)	$\pm 5ppm/year$ (Maximum)	
工作温度范围	Operating Temperature Range	$0^{\circ}C$ to $70^{\circ}C$ (Standard) , $-40^{\circ}C$ TO $85^{\circ}C$ (Option)	
储存温度范围	Storage Temperature Range	$-55^{\circ}C$ to $125^{\circ}C$	
Output Voltage High "1", V_{OH} W/TTL Load	W/HCMOS Load	$2.4V_{DC}$ Minimum	
Output Voltage High "0", V_{OL} W/TTL Load	W/HCMOS Load	$2.7V_{DC}$ Minimum	$V_{DD} 0.5V_{DC}$ Minimum
输入电流	Input Current	$0.5vdc$ Maximum	
上升/下降时间	Rise Time (T_r) & Fall Time (T_f)	$10-35mA$ Maximum	$15-50mA$ Maximum
	PIN 1 Tti-state	$8ns$ Maximum ($0.4v$ to $2.4v$ /TTL; 20% to 80% /HCMOS)	
	Duty Cycle	Option	
	Start-up Time 1MHz to 35.000MHz	$50\% \pm 10\%$ (Standard) , $50\% \pm 5\%$ (Option)	
	35.001MHz to 125.00MHz	$4ms$ Maximum	
	Jitter (One Sigma)	$10ms$ Maximum	
		$\pm 25ps$ Maximum	

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)

