

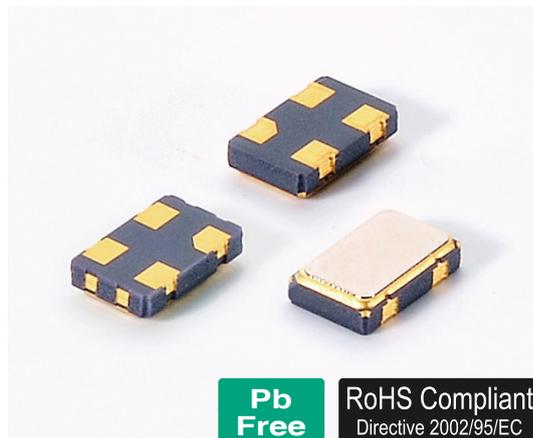
# 5C Series 5.0x3.2 SMD Crystal Oscillator

## FEATURE

- Tight frequency tolerance.
- Pin-compatible with standard 5.0x3.2mm packages.
- Low power standby mode.
- surface mounting and automatically loaded.
- Reflow solder is possible.
- Lower noise and current with reduced power consumption.
- Built-in C-MOS IC with tri-state function.
- Pb-free and RoHS/Green compliant.

## APPLICATIONS

- Ideally suited designed for use in Ethernet, fiber channel, PCs, NB, PCMCIA Cards, Palmtop Computer, Portable Applications.



**Pb Free**

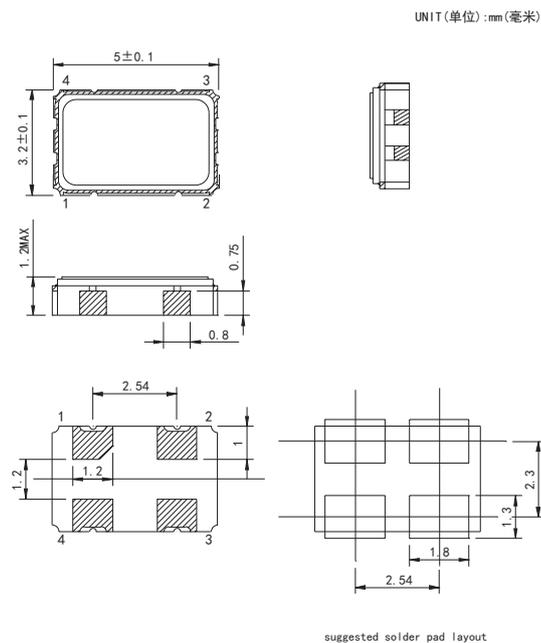
**RoHS Compliant**  
Directive 2002/95/EC

## Electrical Specifications 电气参数

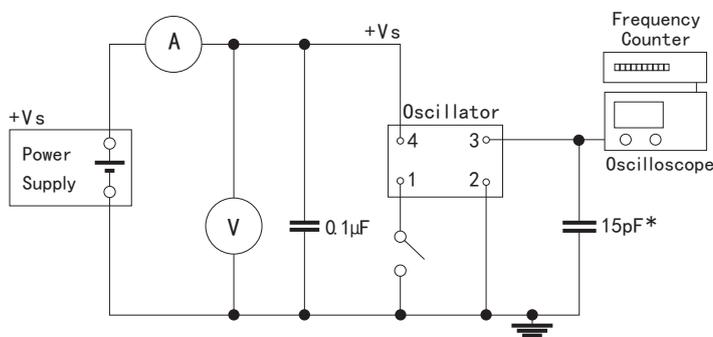
型号	Holder Type	5.0x3.2mm SMD OSCILLATOR	
频率范围	Frequency Range	1.000 Mhz to 125.000 MHz	
总频差	Frequency Stability	±20ppm to ±50ppm	
输入电压	Supply Voltage	5.0V or 3.3V ±10%※(See Notes)	
工作温度范围	Operating Temperature Range	-20°C - +70°C / -40°C - +85°C	
储存温度范围	Storage Temperature Range	-40°C - +85°C/-55°C - +125°C	
占空比	Symmetry (Duty Cycle)	40/60 Standard	
输出	Output Load	10 TTL or 15pF Hmos	
消耗电流	Current Consumption (15pf only)	1.000Mhz - 35.999Mhz=25mA max	
		(5.0V)	36.000Mhz - 69.999Mhz=60mA max
		70.000Mhz - 100.000Mhz=80mA max	
	Current Consumption (15pf only)	1.000Mhz - 35.999Mhz=20mA max	
		(1.8V 2.5V 2.85V 3.3V)	36.000Mhz - 69.999Mhz=40mA max
		70.000Mhz - 125.000Mhz=60mA max	
上升/下降时间	Rise/Fall Time	5 nS max	

※Notes: The supply voltage 1.8V, 2.5V, 2.85V also can be made by customer.

## Mechanical Dimensions 外型尺寸



## Test Circuit (测试电路)



PIN	FUNCTION
1	Tri-state※(See Notes)
2	Ground
3	Output
4	Vdd

※Notes:

Tri-state: PIN 1 connected to Vdd or floating, the product is working properly; connected to GND, stops working.