

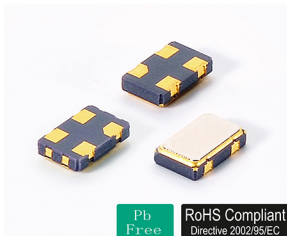
5x3.2 SMD OSCILLATOR

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

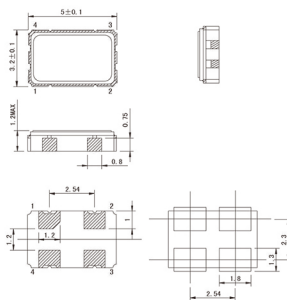
Electrical Specifications 电气参数

型号	Holder Type	5x3.2mm SMD OSCILLATOR
频率范围	Frequency Range	32.768KHz, 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	-10°C ~ +60°C to -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.

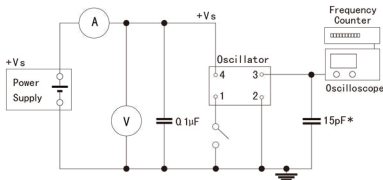
Mechanical Dimensions 外型尺寸

UNIT (单位): mm (毫米)



suggested solder pad layout

Test Circuit (测试电路)



PIN	FUNCTION
1	N/C or Tri-state
2	Ground
3	Output
4	Vdd