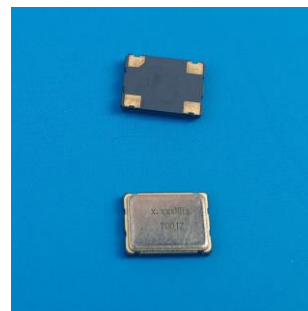


OSC2520

Features

- Tight frequency tolerance.
- CMOS compatible logic levels.
- Pin-compatible with standard 2.5*2.0*1.0mm. packages
- Low power standby mode.
- Designed for standard reflow and washing techniques.
- Pb-free and RoHS/Green compliant.



APPLICATIONS

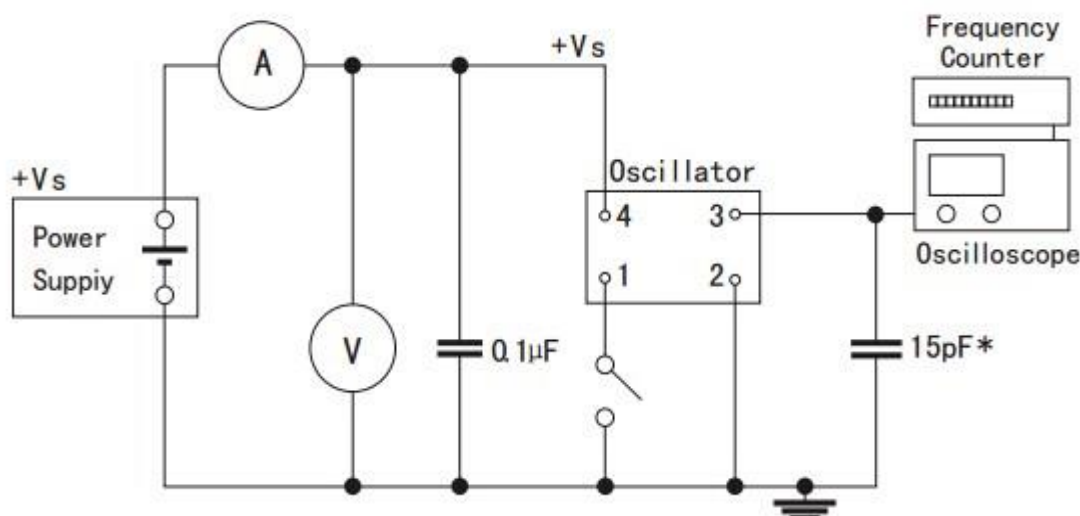
● Ideally suited designed for use in Ethernet, network adapter cards, hard disk devices, blue tooth PCMCIA Cards, Palmtop Computer, Portable Applications.

Specifications 电气参数

项目 Item	技术 Specifications
频率范围 Freq. Range	1.000MHZ TO 64.000MHZ
总频差 Frequency Stability	$\pm 20\text{ppm}$ TO $\pm 50\text{ppm}$
工作温度 Operaing Temp	-10°C to 60°C / -40°C to 85°C
储存温度 Storage Temp	-40°C to 85°C / -55°C to 125°C
输入电压 Supply Voltage	3.3V $\pm 10\%$ ※(see Notes)
占空比 Symmetry	45/55 Standard
输出 Output Load	10 TTL or 15PF HCMOS
消耗电流	Current Consumption 15pf only) (3.3V)
	1.000mhz-49.999mhz =20mA max
	50.000mhz-64.000mhz =30mA max
消耗电流	Current Consumption 15pf only) (1.8V 2.5V 2.85V)
	1.000mhz-49.999mhz =15mA max
	50.000mhz-64.000mhz =25mA max
上升/下降时间 Rise/Fall Time	5nS max

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

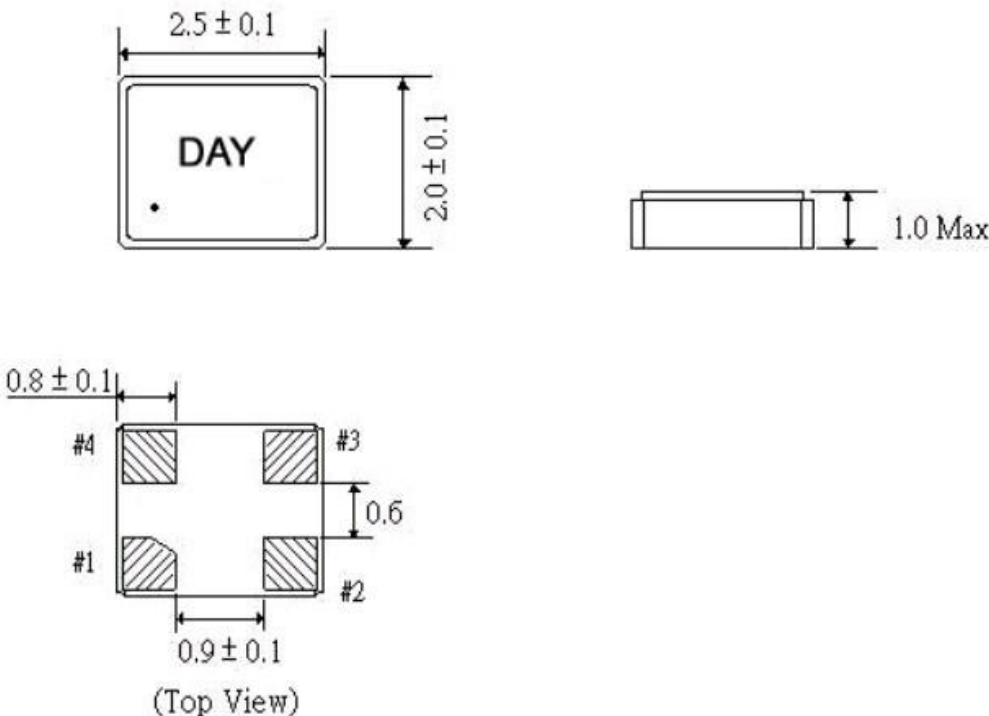
Test Circuit 测试电路图



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

■

Dimensions 尺寸封装图



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输出波形图

