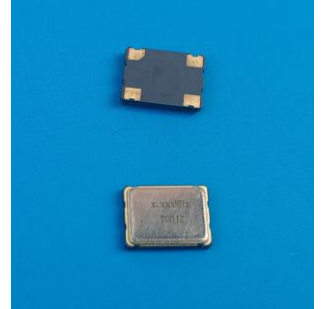


## OSC3225-50.000MHZ

### Features

- Tight frequency tolerance.
- CMOS compatible logic levels.
- Pin-compatible with standard 3.2\*2.5\*1.2mm. packages
- Low power standby mode.
- Designed for standard reflow and washing techniques.
- Available on tape & reel, 1000pcs per reel.
- Pb-free and RoHS/Green compliant.



### APPLICATIONS

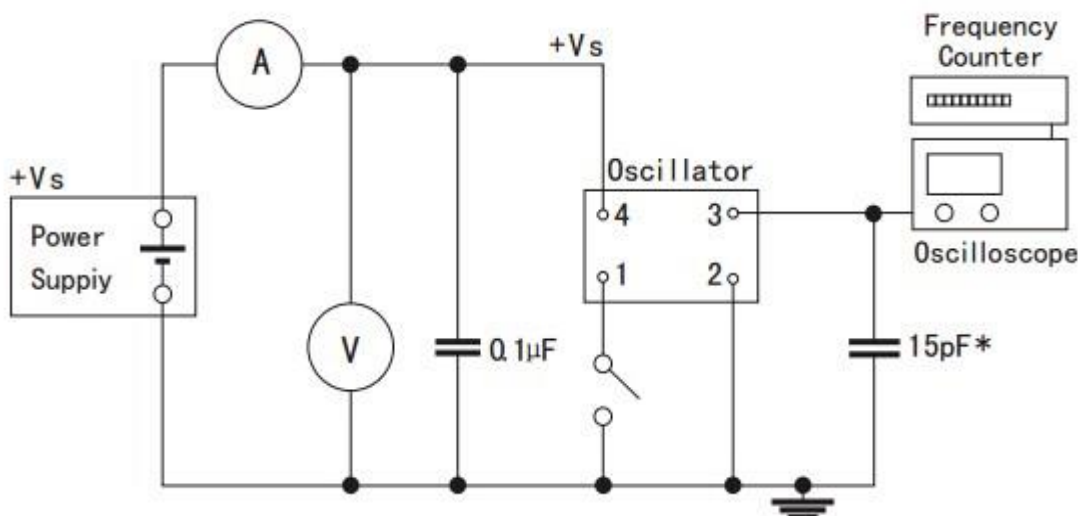
- Ideally suited designed for use in Ethernet, network adapter cards, hard disk devices, blue tooth PCMCIA Cards, Palmtop Computer, Portable Applications.

### Specifications 电气参数

| 项目 Item                 | 技术 Specifications                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------|
| 频率范围 Freq. Range        | 50.000MHZ                                                                                      |
| 总频差 Frequency Stability | $\pm 20\text{ppm}$ T0 $\pm 50\text{ppm}$                                                       |
| 工作温度 Operating Temp     | $-10^{\circ}\text{C}$ to $60^{\circ}\text{C}$ / $-40^{\circ}\text{C}$ to $85^{\circ}\text{C}$  |
| 储存温度 Storage Temp       | $-40^{\circ}\text{C}$ to $85^{\circ}\text{C}$ / $-55^{\circ}\text{C}$ to $125^{\circ}\text{C}$ |
| 输入电压 Supply Voltage     | +5Vdc or 3.3V $\pm 10\%$ ※(see Notes)                                                          |
| 占空比 Symmetry            | 40/60 Standard                                                                                 |
| 输出 Output Load          | 10 TTL or 15PF HCMOS                                                                           |
| 消耗电流                    | Current Consumption 15pf only) (5.0V)                                                          |
|                         | 1.000mhz-49.999mhz $\approx 25\text{mA}$ max                                                   |
|                         | 50.000mhz-125.000mhz $\approx 80\text{mA}$ max                                                 |
|                         |                                                                                                |
| 消耗电流                    | Current Consumption 15pf only) (1.8V 2.5V 2.85V 3.3V)                                          |
|                         | 1.000mhz-49.999mhz $\approx 20\text{mA}$ max                                                   |
|                         | 50.000mhz-125.000mhz $\approx 60\text{mA}$ 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



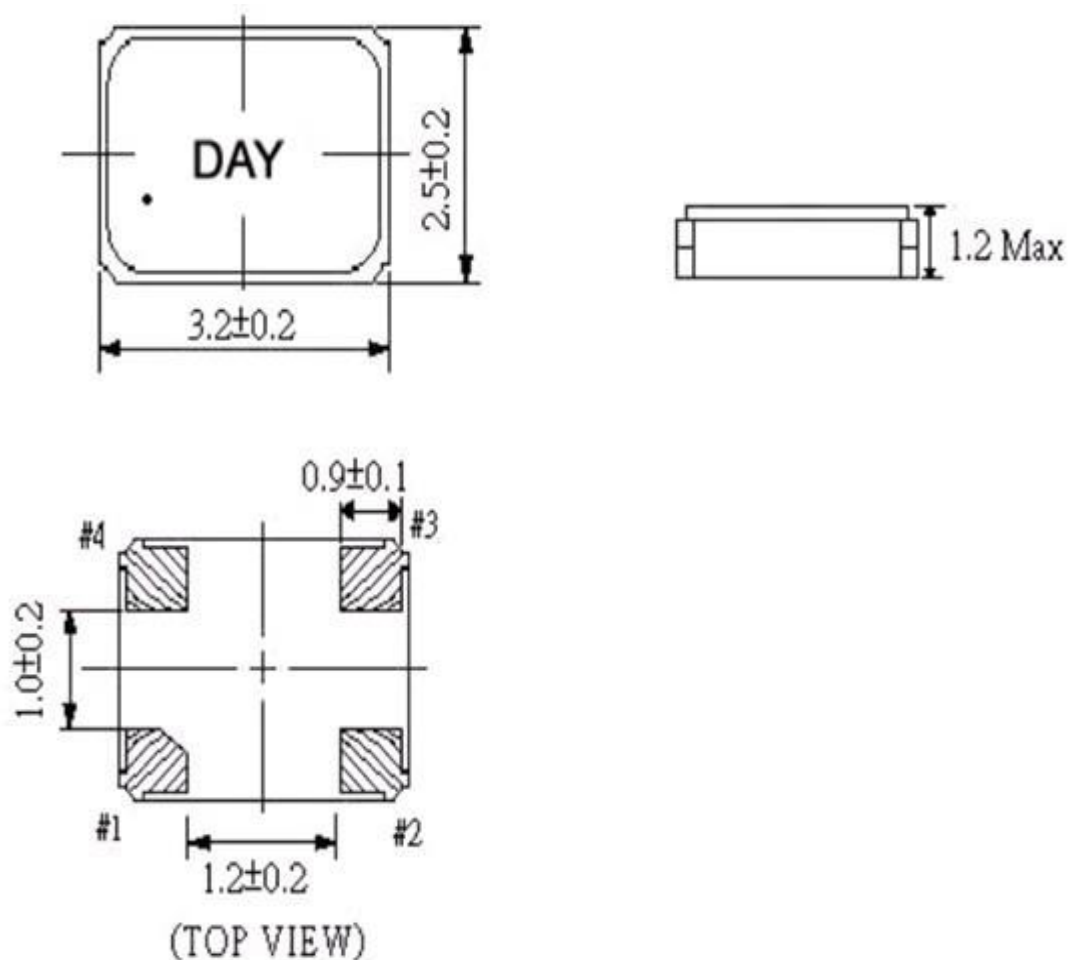
Tri-state: PIN 1 connected to Vdd or floating, the product is working properly; connected to GND, stops working



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Shenzhen Yijingzhenye Electronics Co., LTD

## ■ Dimensions 尺寸封装图



## ■ 输出波形图

