

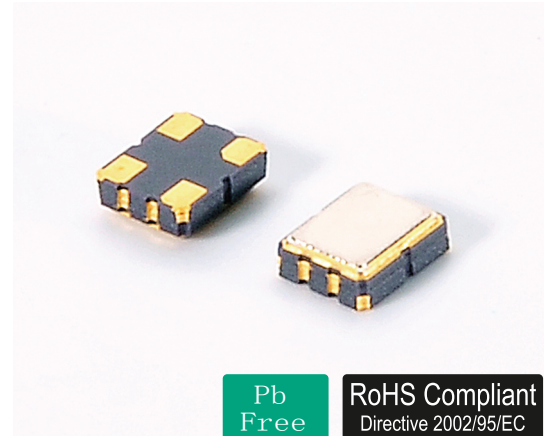
# 3.2x2.5 SMD OSCILLATOR

## FEATURE

- Tight frequency tolerance.
- CMOS compatible logic levels.
- Pin-compatible with standard 3.2×2.5mm packages.
- Designed for standard reflow and washing techniques.
- Low power standby mode.
- 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.

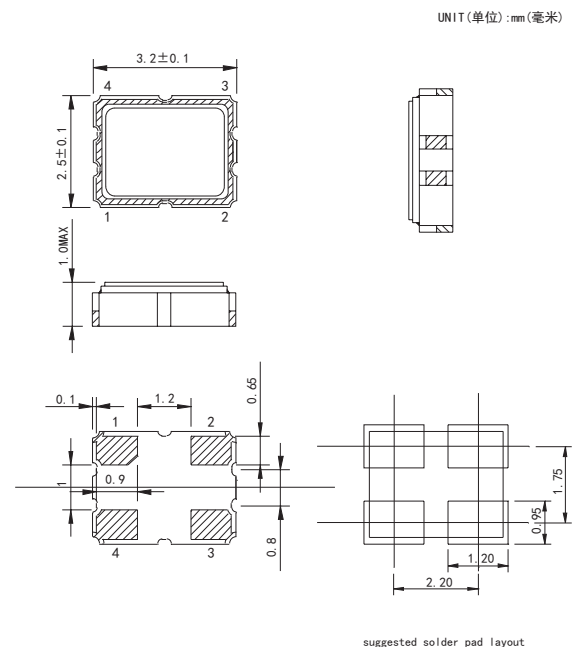


## Electrical Specifications 电气参数

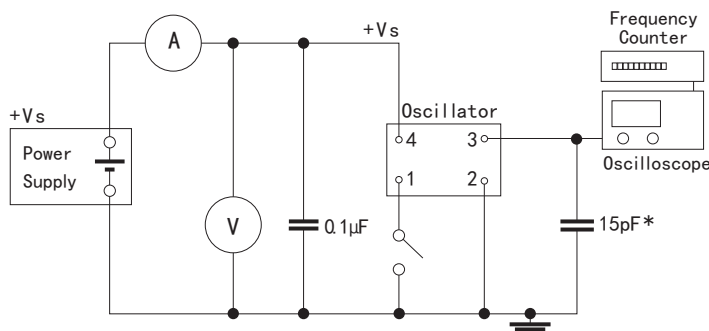
| 型号      | Holder Type                     | 3.2x2.5mm SMD OSCILLATOR            |
|---------|---------------------------------|-------------------------------------|
| 频率范围    | Frequency Range                 | 32.768KHz, 1.000 Mhz to 125.000 MHz |
| 总频差     | Frequency Stability             | ±20ppm 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     | -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                     | 15pF Hcmos or 10 TTL                |
| 消耗电流    | Current Consumption (15pf only) | 1.000Mhz - 49.999Mhz=25mA max       |
|         | (5.0V)                          | 50.000Mhz - 125.000Mhz=80mA max     |
|         | Current Consumption (15pf only) | 1.000Mhz - 49.999Mhz=20mA max       |
|         | (1.8V 2.5V 2.85V 3.3V)          | 50.000Mhz - 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.

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