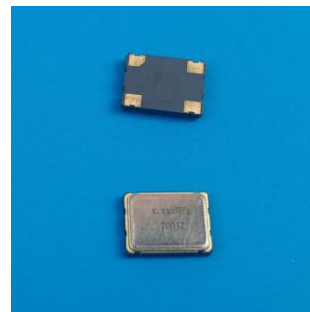


## OSC7050 66.000MHZ

### Features

- CMOS compatible logic levels.
- Pin-compatible with standard 7.0\*5\*1.4mm. packages
- Low power standby mode.
- High precision characteristic covering up to high frequency range.
- Low jitter and tight stability with fundamental or overtone Design.
- Pb-free and RoHS/Green compliant.
- Output Tri-state function.
- Embossed taping specification.
- Reflow soldering.



### APPLICATIONS

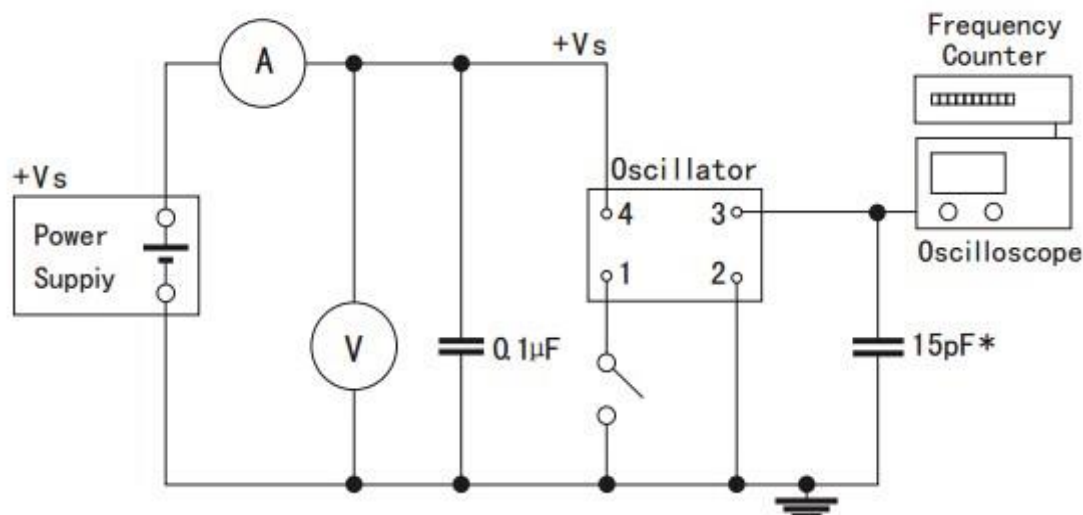
● Ideally suited designed for discdrives , NB, Networking, GPS/Navigation, Bluetooth, Ethernet, ADSL, VDSL, Fiber channel hand-held electronic products.

### Specifications 电气参数

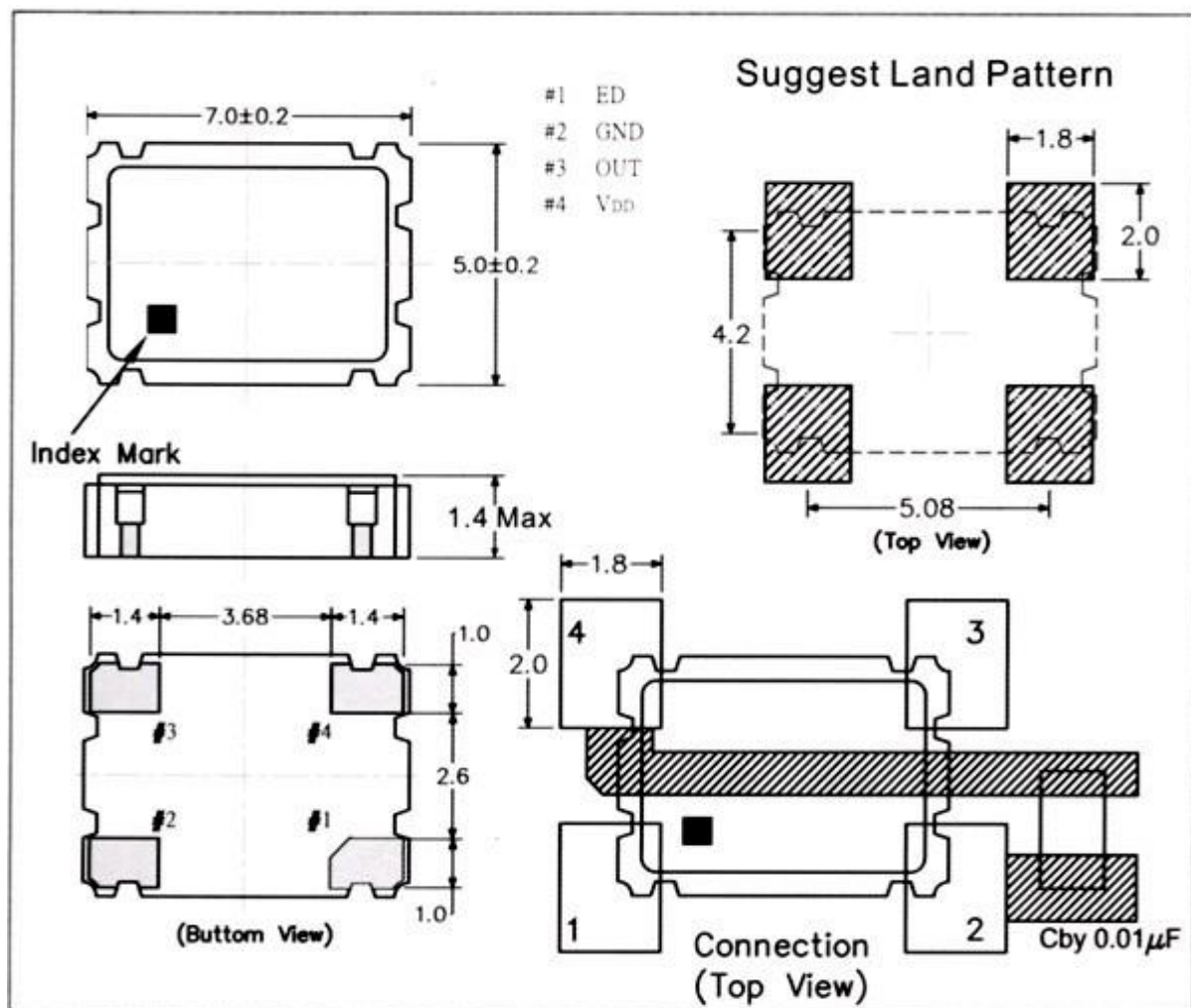
| 项目Item                 | 技术Specifications                                                                           |
|------------------------|--------------------------------------------------------------------------------------------|
| 频率范围Freq. Range        | 66.000MHZ                                                                                  |
| 总频差Frequency Stability | $\pm 20\text{ppm T0} \pm 50\text{ppm}$                                                     |
| 工作温度Operaing Temp      | $-20^{\circ}\text{C to } 70^{\circ}\text{C} / -40^{\circ}\text{C to } 85^{\circ}\text{C}$  |
| 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          | 15PF HCMOS                                                                                 |
| 消耗电流                   | Current Consumption 15pf only) (5.0V)                                                      |
|                        | 1.000mhz-35.999mhz =25mA max                                                               |
|                        | 36.000mhz-69.999mhz =60mA max                                                              |
|                        | 70.000mhz-150.000mhz =80mA max                                                             |
|                        | Current Consumption 15pf only) (1.8V 2.5V 2.85V 3.3V)                                      |
|                        | 1.000mhz-35.999mhz =20mA max                                                               |
| 上升/下降时间Rise/Fall Time  | 36.000mhz-69.999mhz =40mA max                                                              |
|                        | 70.000mhz-150.000mhz =60mA max                                                             |
| 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



## ■ Dimensions 尺寸封装图



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

## ■ 输出波形图

