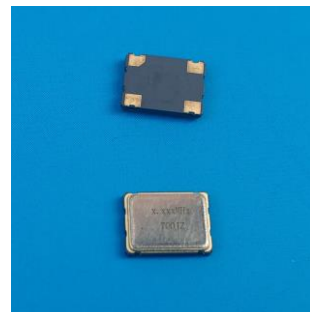


OSC7050 28.63636MHZ

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 tapping specification.
- Reflow soldering.



APPLICATIONS

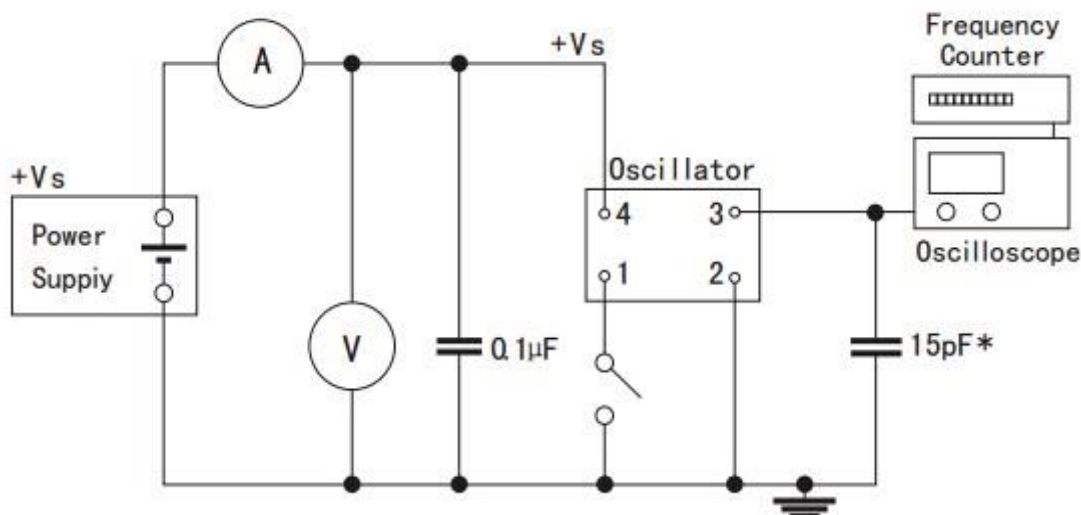
● Ideally suited designed for discdrives , NB, Networking, GPS/Navigation, Bluetooth, Ethernet, ADSL, VDSL, Fiber channel hand-held electronic products.

Specifications 电气参数

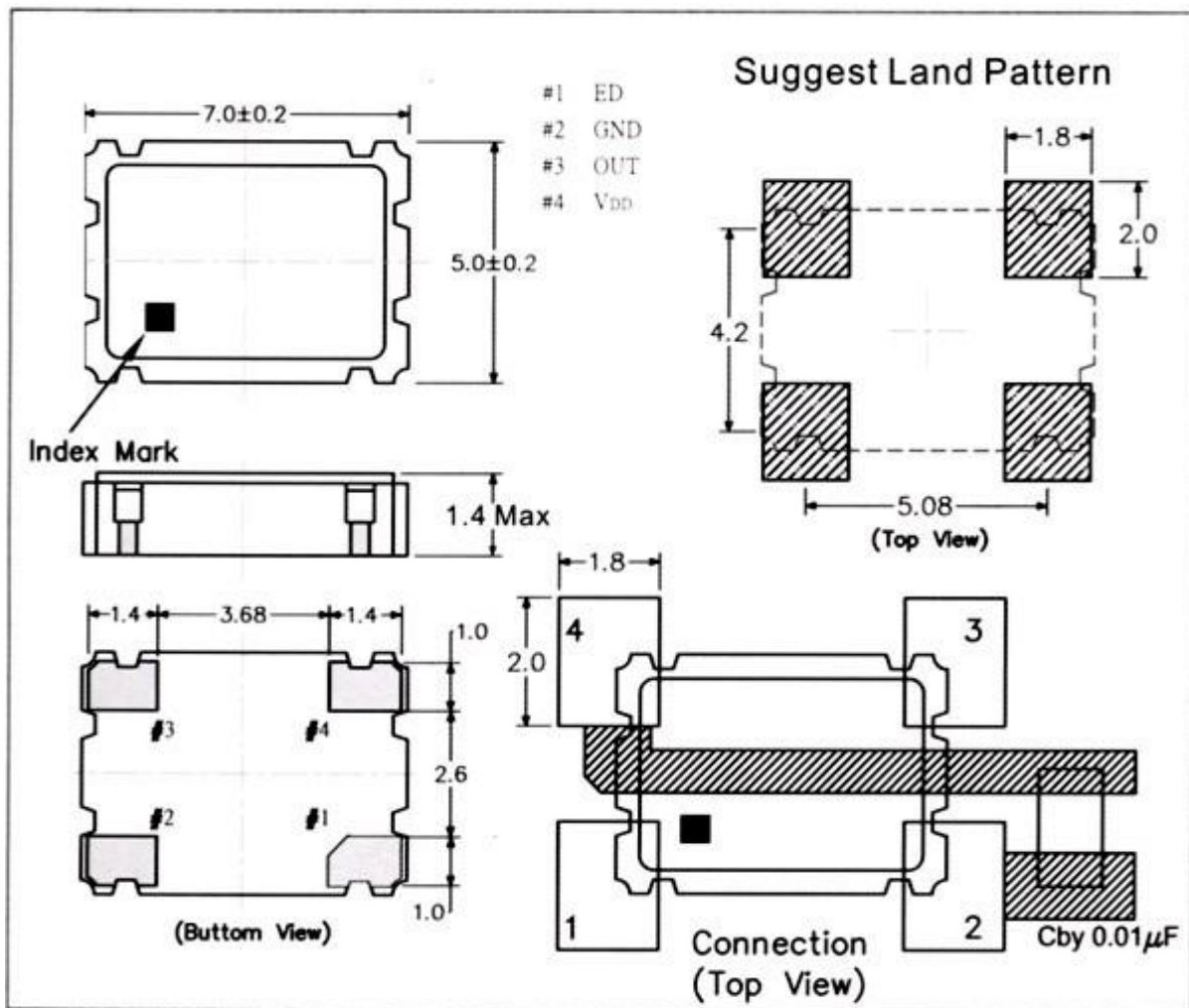
项目Item		技术Specifications
频率范围Freq. Range		28.63636MHZ
总频差Frequency Stability		±20ppm T0 ±50ppm
工作温度Operaing Temp		-20℃ to 70℃/ -40℃ to 85℃
储存温度Storage Temp		-40℃ to 85℃ / -55℃ to 125℃
输入电压Supply Voltage		+5Vdc or 3.3V ±10% ※(see Notes)
占空比 Symmetry		40/60 Standard
输出Output Load		15PF HCMOS
消耗电流	Current 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
		36.000mhz-69.999mhz =40mA max
		70.000mhz-150.000mhz =60mA 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



■ 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

