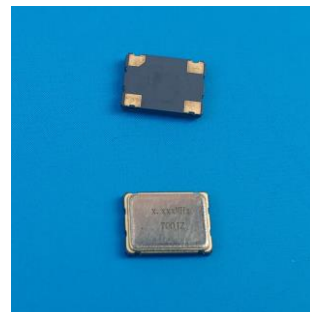


OSC7050 50.000MHZ

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

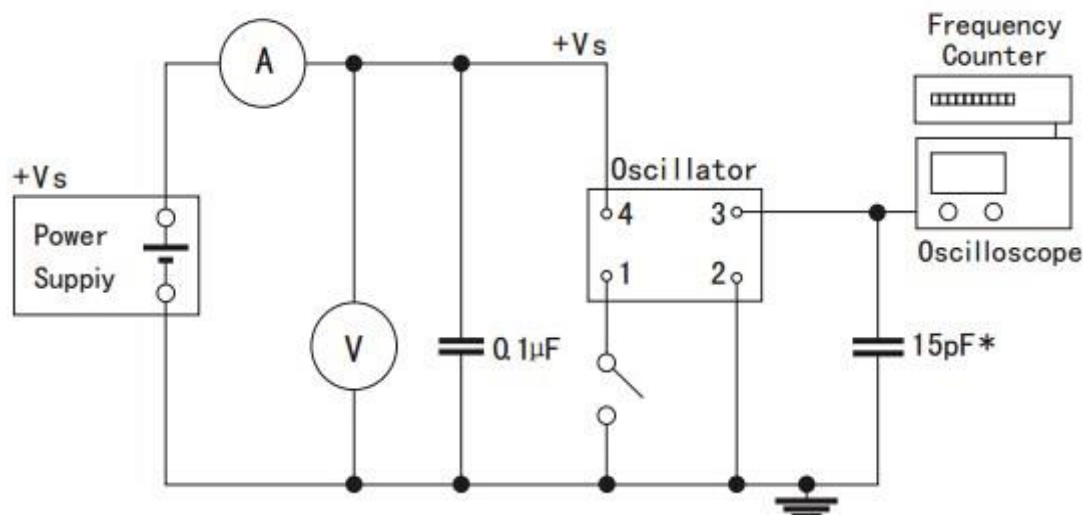
● Ideally suited designed for discdrives, NB, Networking, GPS/Navigation, Bluetooth, Ethernet, ADSL, VDSL, Fiber channel hand-held electronic products.

Specifications 电气参数

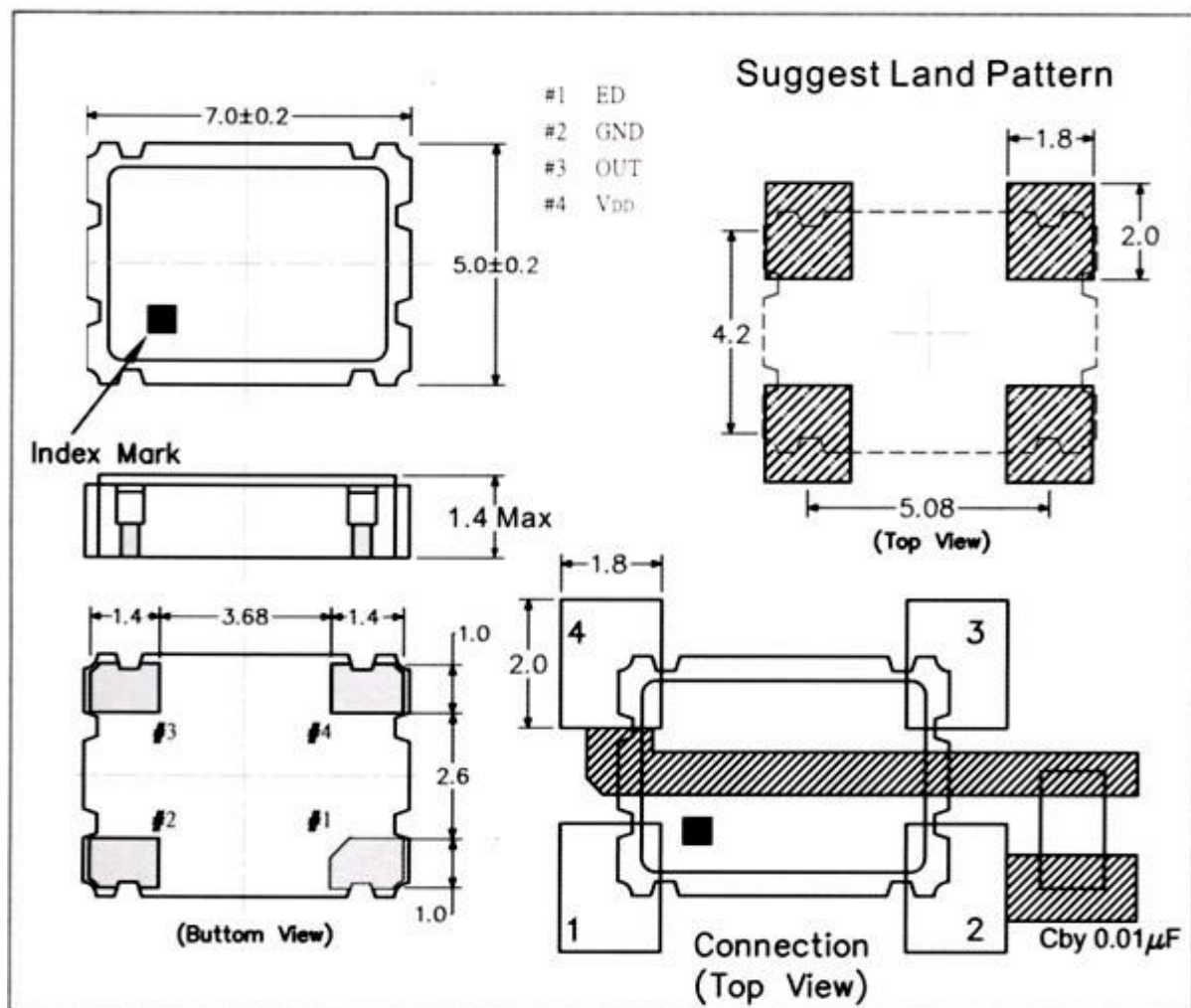
项目 Item	技术 Specifications
频率范围 Freq. Range	50.000MHZ
总频差 Frequency Stability	$\pm 20\text{ppm T0} \pm 50\text{ppm}$
工作温度 Operating Temp	-20°C to 70°C / -40°C to 85°C
储存温度 Storage Temp	-40°C to 85°C / -55°C to 125°C
输入电压 Supply Voltage	+5Vdc or 3.3V $\pm 10\%$ ※(see Notes)
占空比 Symmetry	40/60 Standard
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

