

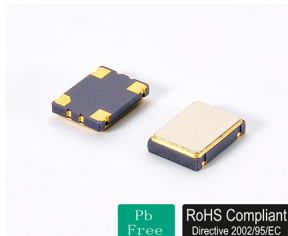
5x7 SMD OSCILLATOR(HCOMS/TTL)

FEATURE

- CMOS compatible logic levels.
- Pin-compatible with standard 7.0×5.0mm packages.
- High precision characteristic covering up to high frequency range.
- Low jitter and tight stability with fundamental or overtone Design.
- Low power standby mode.
- Output Tri-state function.
- Embossed taping specification.
- Reflow soldering.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

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

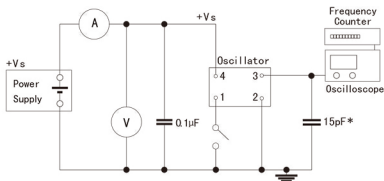


Electrical Specifications 电气参数

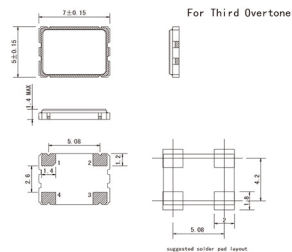
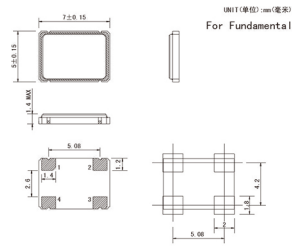
型号	Holder Type	5x7mm SMD OSCILLATOR
频率范围	Frequency Range	32.768KHz, 1.000 MHz to 150.000 MHz
总频差	Frequency Stability	±20ppm to ±50ppm
输入电压	Supply Voltage	5.0V or 3.3V ±10% ※(See Notes)
工作温度范围	Operating Temperature Range	-20°C ~ +70°C / -40°C ~ +85°C
储存温度范围	Storage Temperature Range	-40°C ~ +85°C/-55°C ~ +125°C
占空比	Symmetry (Duty Cycle)	40/60 Standard
输出	Output Load	15pF Hcoms
消耗电流	Current Consumption (15pf only)	1.000MHz ~ 35.999MHz=25mA max
		(5.0V)
		36.000MHz ~ 69.999MHz=60mA max
	Current Consumption (15pf only)	70.000MHz ~ 150.000MHz=80mA max
		1.000MHz ~ 35.999MHz=20mA max
		(1.8V 2.5V 2.85V 3.3V)
		36.000MHz ~ 69.999MHz=40mA max
		70.000MHz ~ 150.000MHz=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.

Test Circuit(测试电路)



Mechanical Dimensions 外型尺寸



suggested solder pad layout

PIN	FUNCTION
1	N/C or Tri-state
2	Ground
3	Output
4	Vdd