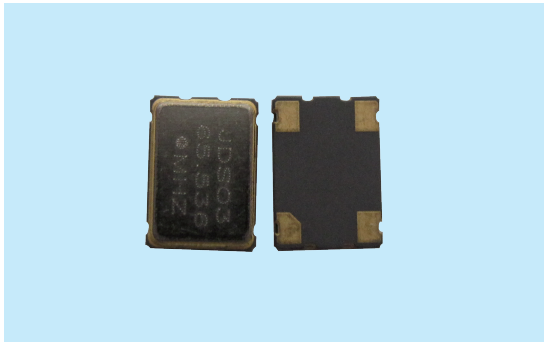


# Products Information

## OS5032



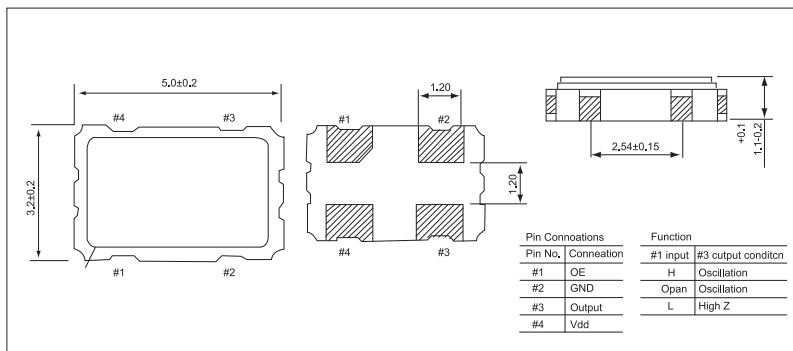
### ■ 用途

电脑硬驱、显卡、切换器、网卡等

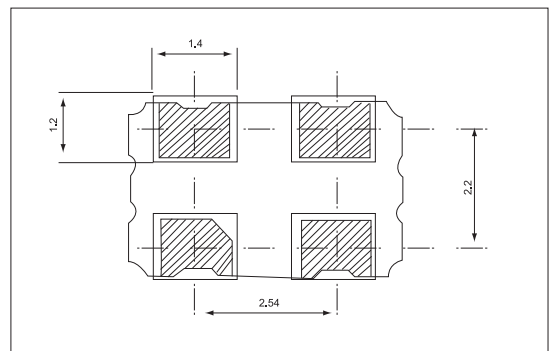
### ■ 特征

- 稳定度高。
- TTL/COMS兼容。
- 频率范围广。
- 可选三态控制。

### ■ RECOMMENDED LAND PATTERN [mm]



### ■ DIMENSION [mm]



### ■ STANDARD SPECIFICATION

Item	Type	Legend	OS5032	Condition
Standard Characteristics	Output Frequency Range	Fo	0.5~125MHz	
	Frequency Tolerance	F_tol	$\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$	-10~+70°C, Includes frequency tolerance at room temperature.
	Supply Voltage	Vdd	+3.3V $\pm$ 0.3V or +5V $\pm$ 0.5V	
	Operating Temperature Range	T_use	-20°C~+70°C	
	Current Consumption	Idd	25mA max.	When no load is applied.
	Stand-by Current [#] pin, "L" Level	I_std	0.05mA max.	High impedance output/ Oscillation stop
Output Characteristics	Output Disable Time	Tpiz	100nsec. max.	
	Output Enable Time	Tpzi	10nsec. max.	
	Symmetry	SYM	45%~55%(Fo $\leq$ 10MHz) 40%~60%(Fo > 10MHz)	
	Rise and Fall Time	tr, tf	10ns max.	Vdd $\times$ 0.5 Level
	"0"Level	Vol	Vdd $\times$ 0.1 max.	Vdd $\times$ 0.1~Vdd $\times$ 0.9
	"1"Level	Voh	Vdd $\times$ 0.9 min.	
Input Characteristics	Load Condition (C-MOS)	L_cmcs	15pF max.	
	Input Voltage Level	Vil/Vih	Vdd $\times$ 0.3 max. / Vdd $\times$ 0.7 min.	
	Input Current	il / lih	-0.05 mA max. / +0.05 mA max.	
Packing Unit			1000pcs/ reel ( $\Phi$ 180)	

Please consult for other specifications. (若有其它规格需求请告知)