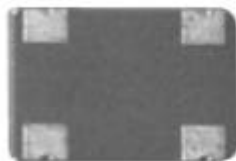
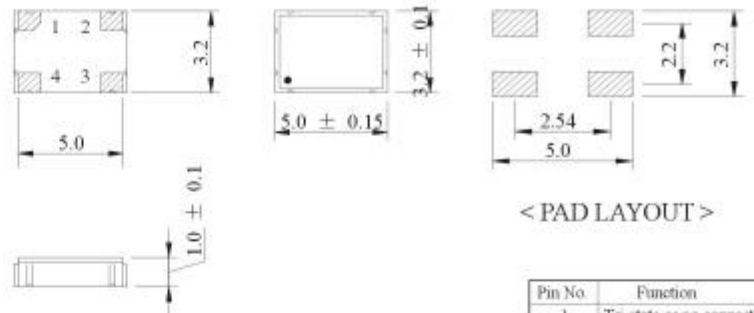


**CLOCK OSCILLATOR**
**电压控制晶体振荡器**
**FTO531S TYPE**

Low Height  
High Speed CMOS  
Notebook/PDA  
CCD Applications


**DIMENSIONS(Unit:mm) 外形尺寸**

**< PAD LAYOUT >**

Pin No.	Function
1	Tri-state or no connect
2	GND
3	Frequency output
4	Vcc

**PARAMETERS 技术参数**
**PART NUMBER GUIDE 部件号示例**

<b>ELECTRICAL SPECIFICATIONS</b>	
Frequency Range 频率范围	0.700MHz ~ 66.666MHz
Frequency Stability 频率稳定度	±25ppm    ±50ppm    ±100ppm (Standard)
	Inclusive of operating temperature range
Operating Temperature Range 工作温度	-10°C ~ +70°C
Storage Temperature Range 储存温度	-40°C ~ +85°C
Input Voltage 输入电压	+5Vdc ± 0.5V    +3.3Vdc ± 0.3V
Input Current 输入电流	60mA max    35mA max
O/I Level O/I 电平	+0.5V max/+4.5V min    +0.4V max/+3.0V min
Symmetry 占空比	60/40% or 40/60% (Typical)
Rise & Fall time 上升时间/下降时间	10nS max(1.000MHz ~ 9.999MHz)
	5nS max(10.000MHz ~ 125.000MHz)
Start up time 起振时间	15mS max(1.000MHz ~ 9.999MHz)
	10mS max(10.000MHz ~ 125.000MHz)
Fan out 输出负载	1TTL ~ 10TTL or 15pF ~ 10TTL
Aging (at 25 °C) 老化率	± 5ppm / Year max
<b>ENVIRONMENTAL &amp; MECHANICAL SPECIFICATIONS</b>	
Shock 抗冲击性能	FIL-STD-883C, Method 2002, Condition B
Vibration 抗振性能	FIL-STD-883C, Method 2007, Condition A
Solderability 焊接性能	FIL-STD-883C, Method 2003
Seal Integrity 密封性能	FIL-STD-883C, Method 1014, Condition C & A2
Marking 标记	FIL-STD-202F, Method 215

**F V O 25 A C 5 S M 5 G**

FRONTER  
OSCILLATOR  
FREQUENCY  
FREQUENCY STABILITY  
A=25ppm  
B=50ppm  
C=100ppm  
D=Customize  
TEMPERATURE RANGE  
A=0°C~+70°C  
B=-20°C~+70°C  
C=-40°C~+85°C  
D=Customize  
INPUT VOLTAGE  
3=3.3VOLT / 5=5.0VOLT  
SMD5032  
S-SEAM TYPE

Specifications subjects to change without notice & if you need other specifications, please contact our factory.

**TEST CIRCUIT 测试原理图**
**WAVE FORM 波形图**
