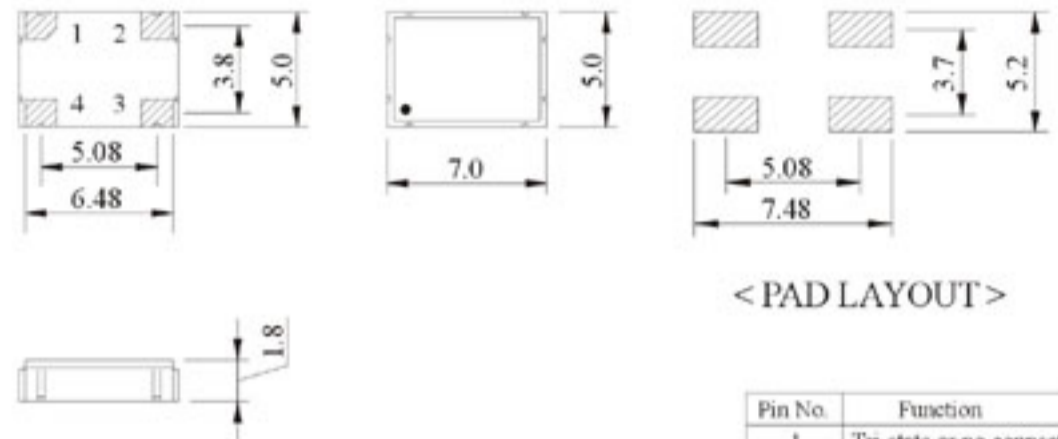


**Voltage Controlled Crystal Oscillator (VCXO)**
**电压控制晶体振荡器**
**CERAMIC SMD VCXO**
**DIMENSIONS(Unit:mm) 外形尺寸**

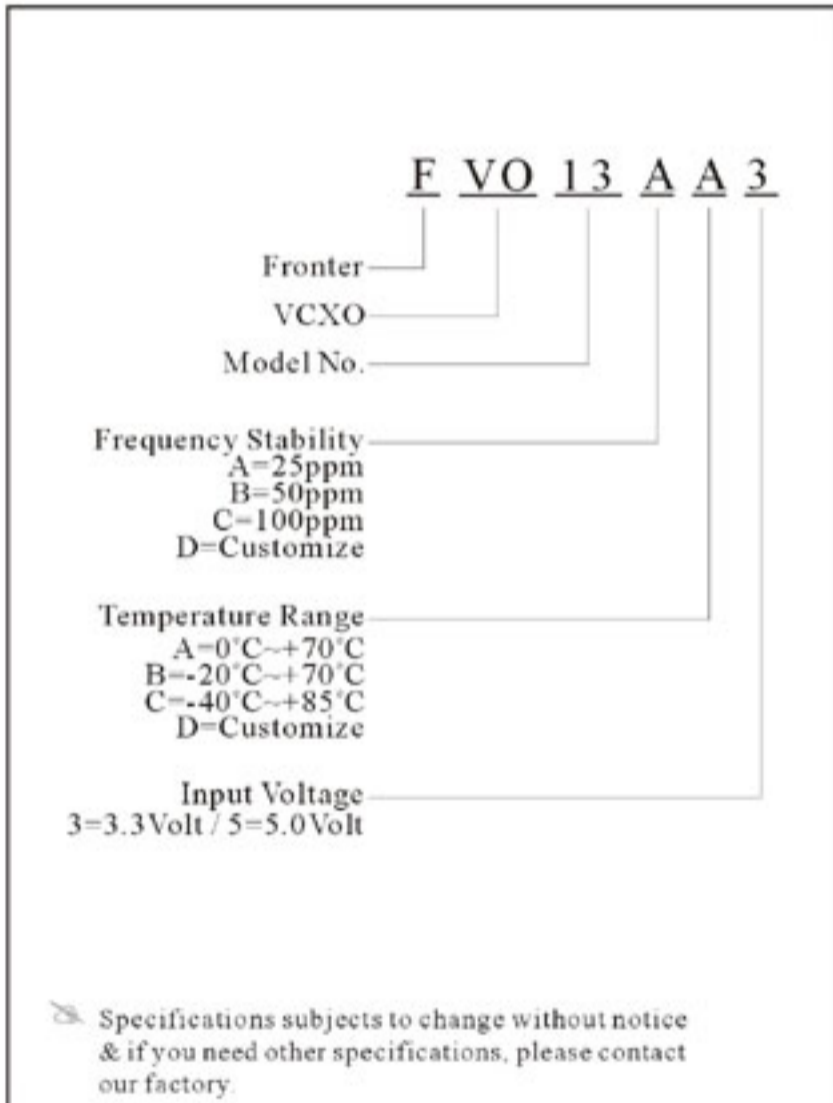
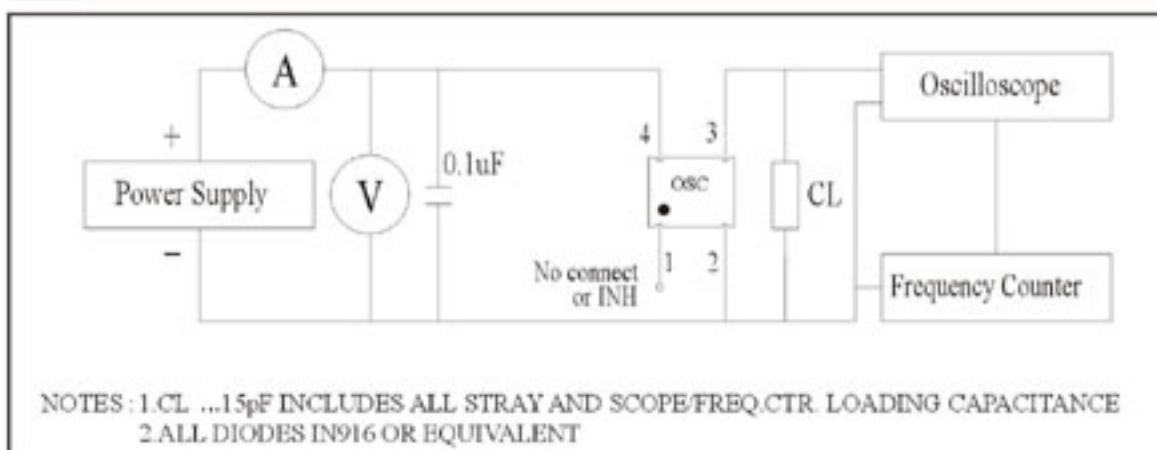
Low Height  
High Speed CMOS  
Set Top Box  
CCD System


**< PAD LAYOUT >**

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

**PARAMETERS 技术参数 (FVO 13 Series)**

<b>ELECTRICAL SPECIFICATIONS</b>	
Frequency Range 频率范围	1.000MHz to 125.000MHz
Frequency Stability 频率稳定度	±25ppm    ±50ppm    ±100ppm (Standard) Inclusive of operating temperature range
Operating Temperature Range	0°C~+70°C
Storage Temperature Range	-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.                              40mA max.
O/I Level O/I 电平	+0.5V max./+4.5V min.              +0.4V max./+3.0V min.
Pull Ability 压控范围	±100ppm min. (Typical) (At 2.5Volt 2V)                      ±100ppm min. (Typical) (At 1.65Volts 1.35V)
Linearity 线性度	±10% max. (Typical)                      ±30% max. (Typical)
Symmetry 占空比	60/40% or 40/60% (Typical)
Rise & Fall time 上升和下降时间	10nS max.
Start up time 起振时间	10mS max.
Fan out 输出负载	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-883C, Method 215

**PART NUMBER GUIDE**

**TEST CIRCUIT 测试原理图**

**WAVE FORM 波形图**
