

●Part Number Guide

T-V-S-FF.FFFM-FS -OT -OP-TU-S

T(Type 型号): VC= 7050L VCXO

V(Input Voltage 输入电压): 3.3=3.3V 2.5=2.5V, etc

S(Symmetry 占空比): 5=45/55max 6=40/60 max

F(Frequency 标称频率):155.52,156.25,161.1328,166.6286,167.3316

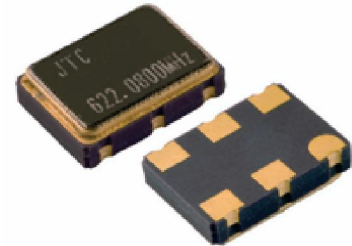
FS(Frequency Stability 频率稳定性): 25=±25ppm, etc

OT(Operating Temperature 工作温度):A=-20℃ to +70℃ B=-40℃ to +85℃, etc

OP(Output 输出): 1=LVDS

TU(Tube 摆管)

S(Special Requirement 特殊要求)



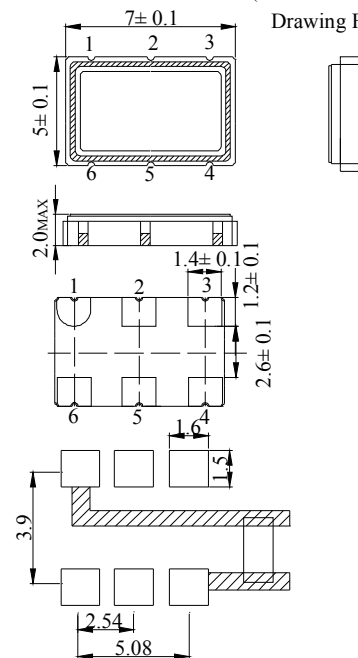
●Electrical Specifications 电气参数

型号	Holder Type	VC7050L
频率范围	Frequency Range	0.750MHz to 800.000MHz
频率偏差	Initial Frequency Tolerance @25℃	±50.0ppm
频率稳定度	Frequency Stability	±25.0ppm
老化率	Aging 1 Year	±5.0ppm
输入电压	Input Voltage	3.3±10% V
输入电流	Input Current	60mA Max
占空比	Symmetry (Duty Cycle)	40 - 60
上升时间	Rise Time	9max nS
下降时间	Fall Time	8max nS
高电平	Logic "1" Level	1.6Min V
低电平	Logic "0" Level	0.9Max V
开始时间	Output Type	10Max ms
控制电压	Control Voltage	0.5 - 3.3 V
相位噪声	Phase Noise (Typical)	<u>10Hz 100Hz 1KHz 10KHz 100KHz</u> dBc/Hz
		-70 -95 -120 -145 -150

• Mechanical Dimensions 外型尺寸

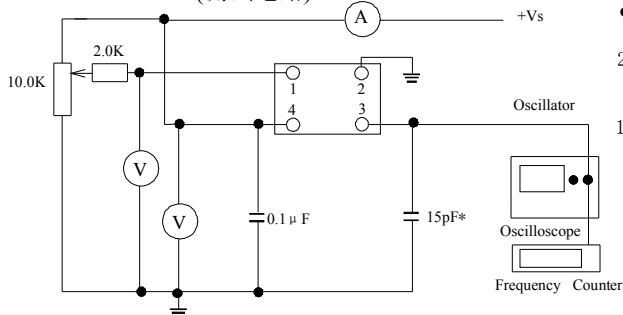
UNIT(单位): mm (毫米)

Drawing For 0

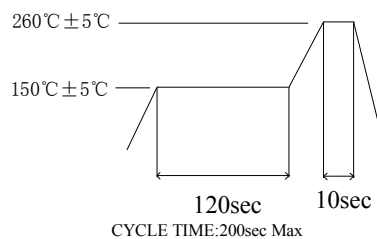


suggested solder pad layout

• Test Circuit(测试电路)



• Reflow Condition 回流焊条件



PIN	FUNCTION
1	压控端
2	悬空/E/D端
3	接地
4	正向输出
5	反向输出
6	电源

E/D 功能说明

#2	#4 #5
高电平 (70% VDD Min.) 或开路	起振
低电平 (70% VDD Max.) 或接地	高阻态