

## ●Part Number Guide

T-V-FF.FFFM-FTFD-OT-TR-S

T(Type 型号): TC=7050A TCXO

V(Supply Voltage 输入电压):3.3=3.3V 5=5.0V,etc

F(Frequency 标称频率):10,12.8,13,19.2,19.44,25.6,26

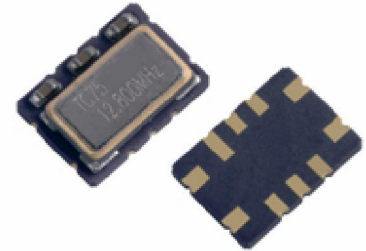
FT(Frequency Tolerance 调整频差):1.0=±1.0ppm, etc

FD(Frequency Drift 频率稳定性): 1.0=±1.0ppm, etc

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

TR(Tape and Reel 编带)

S(Special Requirement 特殊要求)

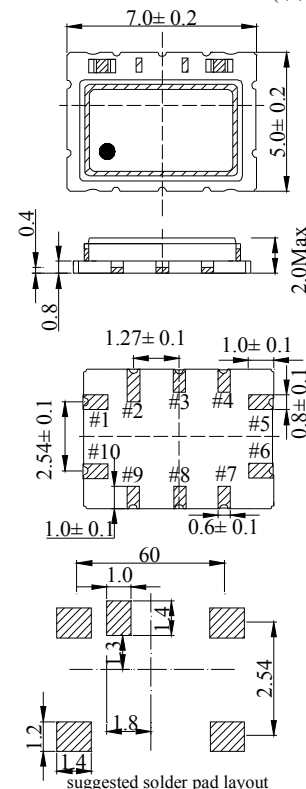


## ●Electrical Specifications 电气参数

| 型号     | Holder Type                          | 7.0×5.0mm SMD TCXO                         |
|--------|--------------------------------------|--------------------------------------------|
| 频率范围   | Frequency Range (F)                  | 10.000MHz to 26.000MHz                     |
| 总频差    | Frequency Stability ( $\Delta F/F$ ) | ±15ppm to ±25ppm                           |
| 输入电压   | Input Voltage (Vdd)                  | +3.3V to +5.0V                             |
| 工作温度范围 | Operating Temperature Range          | -10℃~+60℃ to -40℃~+85℃                     |
| 储存温度范围 | Storage Temperature Range            | -40℃~+85℃/-55℃~+125℃                       |
| 负载     | Load                                 | (10k $\Omega$ / 10pF) ±10%                 |
| 频率偏差   | Frequency Tolerance                  | ±1.0ppm Max                                |
| 频率稳定度  | Frequency Stability                  | ±1.0ppm Max                                |
|        | Vs. Supply Voltage                   | ±0.1ppm Max (VCC ± -5%)                    |
|        | Vs. Load                             | ±0.2ppm Max (10k $\Omega$ / 10pF±10% each) |
| 老化     | Aging                                | ±4.60ppm Max./Year                         |
| 消耗电流   | Current Consumption                  | 6.0mA max                                  |
| 相位噪声   | Phase Noise                          |                                            |
|        | 100Hz offset typical                 | -120dBc/Hz Max                             |
|        | 1KHz offset typical                  | -140dBc/Hz Max                             |
|        | 10KHz offset typical                 | -145dBc/Hz Max                             |

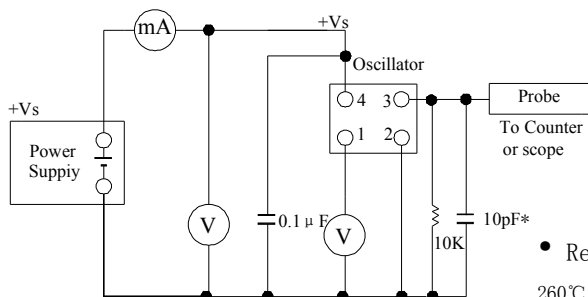
## • Mechanical Dimensions 外型尺寸

UNIT(单位): mm (毫米)



| PIN       | FUNCTION |
|-----------|----------|
| 1         | 悬空       |
| 2/3/4/7/8 | 悬空       |
| 5         | 接地       |
| 6         | 输出       |
| 9         | 三态端      |
| 10        | 电源       |

## • Test Circuit(测试电路)



## • Reflow Condition 回流焊条件

