

### 3.2x2.5 SMD OSC(PECL/LVDS/HCSL)

## •Part Number Guide

T-V-S-FF.FFFM- FS-OT-P

**T (Type 型号):** LH=3.2×2.5×1.2mm Max SMD OSC, PECL/LVDS/HCSL Outpt.

**V**(Input Voltage输入电压): 3=3.3V 2.5=2.5V, etc

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

**F**(Frequency标称频率): Normal - 5 digitals of Frequency, e.g. 8.0000M, 12.000M

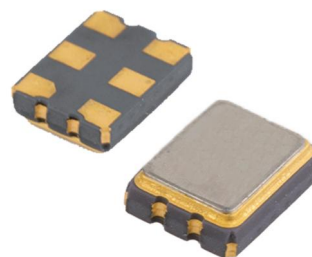
Special - All digitals of Frequency, e.g. 13.225625M

**FS** (Frequency Stability总频差): 50=±50 ppm, etc

**OT**(Operating Temperature工作温度):0070= 0℃ to +70℃ 4085= -40℃ to +85℃, etc

**P (Output输出):** P=PECL D=LVDS H=HCSL

## A (Automotive 车载应用)



Pb  
Free

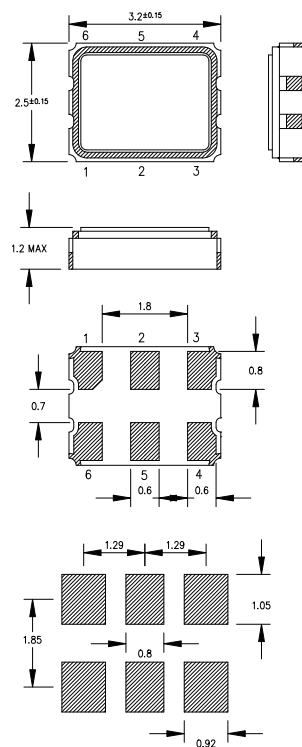
RoHS Compliant

## •Electrical Specifications 电气参数

| Item 项目                          | Spec 规格                             | Condition 条件                                                                                       |
|----------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------|
| Frequency Range<br>频率范围          | 25MHz~156. 25MHZ                    | For furtherquestions regarding specifications, please feel free to contact us.<br>对于超出标准的规格, 请联系我们 |
| Operating Voltage<br>工作电压 (V)    | 2. 5V、3. 3V                         |                                                                                                    |
| Frequency Stability<br>总频差       | ±50ppm@-40~85℃<br>±100ppm@-55 ~125℃ |                                                                                                    |
| Output Waveform<br>输出波形          | PECL/LVDS/HCSL                      |                                                                                                    |
| Output Load<br>输出负载              | 50 Ω, Vdd-2V to 输出端                 | PECL                                                                                               |
|                                  | 100 Ω, 两个输出端之间                      | LVDS                                                                                               |
|                                  | 50 Ω, 输出端 to 接地端                    | HCSL                                                                                               |
| Symmetry (Duty Cycle)<br>占空比 (%) | 45~55                               |                                                                                                    |
| Rise/Fall Time<br>上升/下降时间 (ns)   | <1                                  | 0. 2Vdd→0. 8Vdd                                                                                    |
| Current Consumption<br>消耗电流 (mA) | <50                                 | PECL, 3. 3V                                                                                        |
|                                  | <30                                 | LVDS, 3. 3V                                                                                        |
|                                  | <50                                 | HCSL, 3. 3V                                                                                        |

## ●Mechanical Dimensions 外型尺寸

UNIT(单位):mm(毫米)



| PIN | FUNCTION         |
|-----|------------------|
| 1   | Tri-state or N/C |
| 2   | N/C or Tri-state |
| 3   | Ground           |
| 4   | Output           |
| 5   | Output           |
| 6   | Vdd              |