

2.5x2.0 SMD OSC(PECL/LVDS/HCSL)

●Part Number Guide

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

T (Type型号): 0NH=2.5×2.0×1.05mm Max SMD OSC, PECL/LVDS/HCSL Output

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

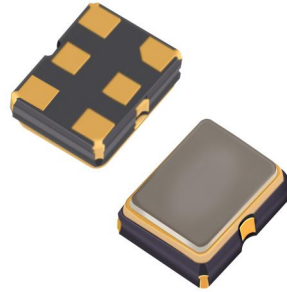
F (Frequency标称频率): Normal - 5 digitals of Frequency, e.g. 8.0000M, 12.000M
Special - All digitals of Frequency, e.g. 13.225625M

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

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

P (Output输出): P=PECL D=LVDS H=HCSL

A (Automotive车载应用)



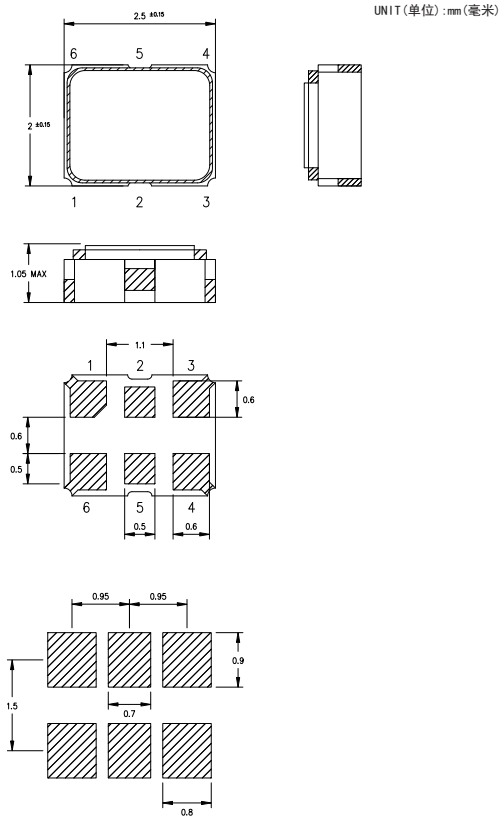
Pb
Free

RoHS Compliant

●Electrical Specifications 电气参数

Item 项目	Spec 规格	Condition 条件
Frequency Range 频率范围	25MHz~156.25MHz	For further questions regarding specifications, please feel free to contact us. 对于超出标准的规格, 请联系我们
Operating Voltage 工作电压 (V)	2.5V, 3.3V	
Frequency Stability 总频差	±50ppm@-40~85°C ±100ppm@-55~125°C	
Output Waveform 输出波形	PECL/LVDS/HCSL	
Output Load 输出负载	50Ω, Vdd-2V to 输出端	PECL
	100Ω, 两个输出端之间	LVDS
	50Ω, 输出端 to 接地端	HCSL
Symmetry (Duty Cycle) 占空比 (%)	45~55	
Rise/Fall Time 上升/下降时间 (ns)	<1	0.2Vdd→0.8Vdd
Current Consumption 消耗电流 (mA)	<50	PECL, 3.3V
	<30	LVDS, 3.3V
	<50	HCSL, 3.3V

●Mechanical Dimensions 外型尺寸



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