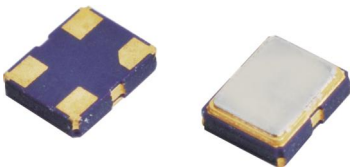


3.2x2.5 SMD SPREAD SPECTRUM OSCILLATOR

Part Number Guide

T-V-S-FF.FFFM- FS-OT-SS-ST

- T (Type型号): LS=3.2×2.5×1.2mm Max SMD OSC, Spread Spectrum Outpt
- V (Input Voltage输入电压): 1.8=1.8V 2.5=2.5V 3=3.3V, 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
- SS (Spread Spectrum): 带展频功能的振荡器
- ST (Spread Type): C02=Center±0.25% D05=Down-0.5%
- A (Automotive车载应用)



Pb Free

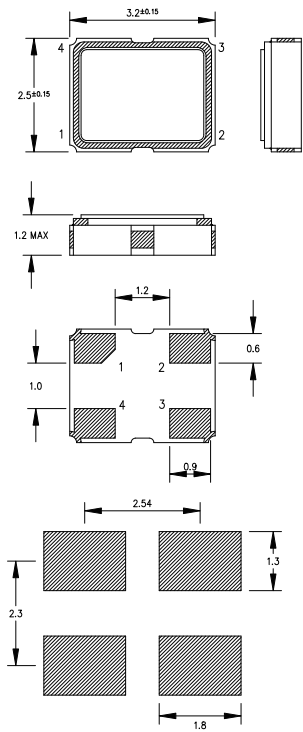
RoHS Compliant

Electrical Specifications 电气参数

Item 项目	Spec 规格		Condition 条件
Frequency Range 频率范围	16MHz~48MHz		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）	1.8V~3.3V		
Frequency Stability 总频差	±50ppm@-40~85℃ ±100ppm@-55~125℃		
Output Waveform 输出波形	HCMOS 方波		
Output Load 输出负载	15pF		
Symmetry (Duty Cycle) 占空比（%）	45~55		
Rise/Fall Time 上升/下降时间（ns）	16~48MHz	<6	0.1Vdd→0.9Vdd
Current Consumption 消耗电流（mA）	16~25MHz	<5	3.3V, 无负载 3.3V, No Load
	25~48MHz	<10	
Center Spread 中心展频	02	±0.25%	
	05	±0.5%	
	07	±0.75%	
	10	±1%	
Down Spread 向下展频	05	-0.5%	
	15	-1.5%	
	20	-2%	

Mechanical Dimensions 外型尺寸

UNIT (单位): mm (毫米)



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