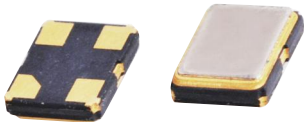


2.0x1.6 SMD SPREAD SPECTRUM OSCILLATOR

Part Number Guide

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

T (Type型号): OMS=2.0×1.6×0.8mm 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)



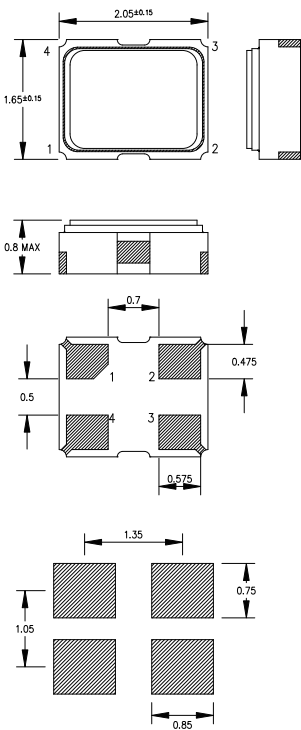
Pb Free RoHS Compliant

Electrical Specifications 电气参数

Item 项目	Spec 规格		Condition 条件
Frequency Range 频率范围	16MHz~48MHZ		For furtherquestions 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@-40~125℃		
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