

2.0x1.6 SMD OSCILLATOR

●Part Number Guide

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

T(Type型号):0M=2.0×1.6×0.8mm Max ceramic osc

V(Input Voltage输入电压):1.8=1.8V 2.5=2.5V 2.85=2.85V 3=3.3V etc

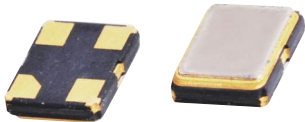
S(Symmetry占空比):5=45/55 Max 6=40/60 Max

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

A(Automotive车载应用)



Pb
Free

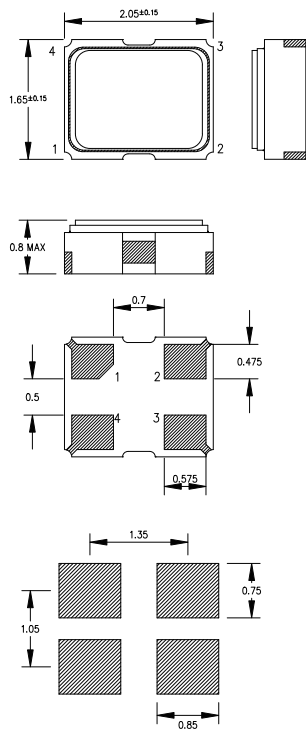
RoHS Compliant

●Electrical Specifications 电气参数

Item 项目	Spec 规格		Condition 条件
Frequency Range 频率范围	0.032768MHZ 1MHz~60MHZ		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~3.6V		
Frequency Stability 总频差	±50ppm@-40~85°C ±100ppm@-55~125°C		
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)	32.768KHz	<100	0.1Vdd→0.9Vdd
	1~10MHz	<10	
	10~40MHz	<6	
	40~60MHz	<3	
Current Consumption 消耗电流 (mA)	32.768KHz	<0.1	3.3V, 无负载 3.3V, No Load
	1~40MHz	<5	
	40~60MHz	<10	

●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