

5x3.2 SMD OSCILLATOR

Part Number Guide

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

T (Type型号): R=5x3.2x1.3mm 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 5=5.0V, 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, 000M, 12, 00M

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

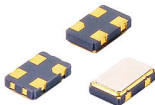
FS (Frequency Stability总偏差): 50±50 ppm, etc

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

OP (Output输出): 1=15FF HCMOS 2=10TTL 3=30PF 4=50PF 5=10TTL/15FF

TR (Tape and Reel编带)

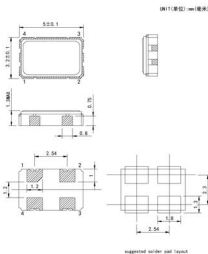
S (Special Requirement特殊要求)



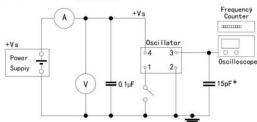
Electrical Specifications 电气参数

型号	Holder Type	5x3.2mm SMD OSCILLATOR
频率范围	Frequency Range	1,000 MHz to 150,00 MHz
总频率	Frequency Stability	± 25ppm to ± 50ppm
输入电压	Supply Voltage	5.0V or 3.3V ± 10%
工作温度范围	Operating Temperature Range	-10°C ~ +60°C to -40°C ~ +85°C
储存温度范围	Storage Temperature Range	-40°C ~ +85°C / -55°C ~ +125°C
占空比	Symmetry (Duty Cycle)	40/60 Standard
输出	Output Load	10 TTL or 15pF HCMOS
消耗电流	Current Consumption	
	1.8V / 3.3V / 5.0V	1,000MHz~10,000MHz=10mA Max
	1.8V / 3.3V / 5.0V	10,000MHz~40,000MHz=20mA Max
	1.8V / 3.3V	40,000MHz~60,000MHz=30mA Max
	5.0V	40,000MHz~60,000MHz=35mA Max
	1.8V / 3.3V	60,000MHz~100,000MHz=40mA Max
	5.0V	60,000MHz~100,000MHz=60mA Max
	1.8V / 3.3V	>100,000MHz=60mA Max
	5.0V	>100,000MHz=70mA Max
上升/下降时间	Rise / Fall Time	10nS Max

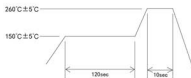
Mechanical Dimensions 外型尺寸



Test Circuit 测试电路



Reflow Condition 回流焊条件



CYCLE TIME: 200sec Max.

Pin	FUNCTION
1	VCC or Tri-state
2	Ground
3	Output
4	NC