

# 5x7 SMD VCXO(PECL/LVDS)

## Part Number Guide

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

T (Type型号): VH=5X7 SMD VCXO, PECL/LVDS Output

V (Input Voltage输入电压): 3=3.3V

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

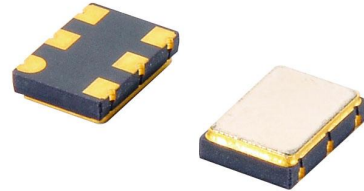
OT (Operating Temperature工作温度): 0070=0°C to +70°C 4085=-40°C to +85°C, etc

Pu (Pullability): 100=100ppm, etc

P (Output输出模式): P=PECL D=LVDS

TR (Tape and Reel编带)

S (Special Requirement特殊要求)



Pb Free

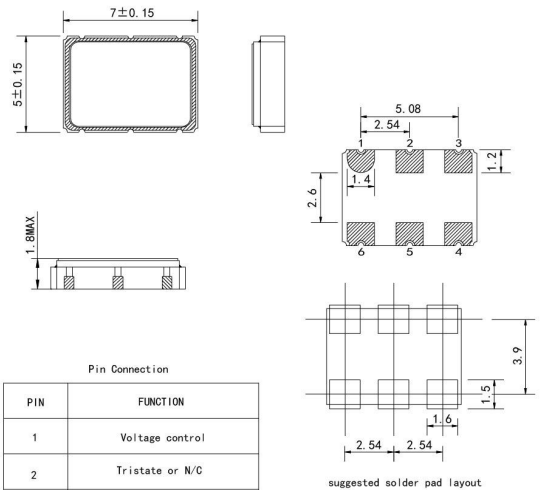
RoHS Compliant  
 Directive 2002/95/EC

## Electrical Specifications 电气参数

型号	Holder Type		5x7mm SMD VCXO(PECL/LVDS)		
频率范围	Frequency Range	F	1,000 to 80,000	60,000 to 250,00	MHz
总频差	Frequency Stability	$\Delta F/F$	±25 to ±50		ppm
输入电压	Input Voltage	Vdd	3.3 ± 10%		V
控制电压	Control Voltage	Vc	1.65 ± 1.5		V
输入电流	Input Current	Idd	40 Max	70 Max	mA
工作温度范围	Operating Temperature		-10 ~ +60 to -40 ~ +85		°C
贮存温度范围	Storage Temperature		-40 ~ +85/-55 ~ +125		°C
上升/下降时间	Rise/Fall Time	Tr/Tf	1.5 Max		ns
占空比	Duty Cycle		40/60 Standard		
线性	Linearity		10% Max		
牵引量	Pullability		±50 ~ ±100		ppm
相位噪声	Phase Noise		-130dBc/Hz@1KHz	-110dBc/Hz@1KHz	
抖动	Rms Jitter (12KHz to 20MHz)		0.25 typ	0.25 typ	Ps
典型频率	Typical Frequency		61.44 77.56	122.88 155.52 156.25 168.0407 200	MHz

## Mechanical Dimensions 外型尺寸

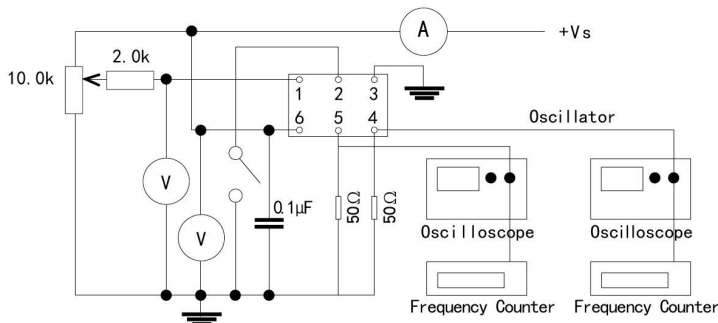
UNIT (单位): mm (毫米)



Pin Connection

PIN	FUNCTION
1	Voltage control
2	Tristate or N/C
3	Ground
4	Output 1
5	Output 2
6	Vdd

## Test Circuit 测试电路



## Reflow Condition 回流焊条件

