

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 digits of Frequency, e.g. 8.0000M, 12.000M
Special - All digits of Frequency, e.g. 13.22525M

FS (Frequency Stability总频率): 50±50 ppm, etc

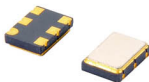
OT (Operating Temperature工作温度): 0070-0°C to +70°C 4085-40°C to +85°C, etc

Pu (Pullability): 100=100ppm, etc

P (Output输出模式): P=PECL D=LVDS

TR (Tape and Reel编带)

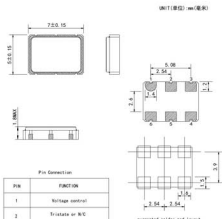
S (Special Requirement特殊要求)



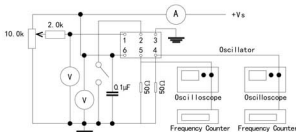
Electrical Specifications 电气参数

型号	Hooker Type	5x7mm SMD VCXO(PECL/LVDS)	
频率范围	Frequency Range	F	1,000 to 80,000, 80,000 to 250.00 MHz
总频率	Frequency Stability	$\Delta F/F$	±25 to ±50 ppm
输入电压	Input Voltage	V _{dd}	3.3 ± 10% V
控制电压	Control Voltage	V _c	1.65 ± 1.5 V
输入电流	Input Current	I _{dd}	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	T _r /T _f	1.5 Max ns
占空比	Duty Cycle		40/80 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 (120Hz to 20MHz)		0.25 typ 0.25 typ Ps
典型频率	Typical Frequency		61.44 77.56 122.88 155.52 198.25 198.0407 200 MHz

Mechanical Dimensions 外型尺寸



Test Circuit 测试电路



Reflow Condition 回流焊条件

