

5×7 SMD VCXO

Part Number Guide

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

T (Type型号) : V-5×7 SMD VCXO

V (Input Voltage输入电压) : 3-3.3V 5-5.0V, etc

F (Frequency标称频率) : Normal - 5 digits of Frequency, e.g., 8.0000M, 12.000M

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

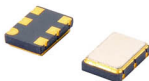
FS (Frequency Stability总频差) : 50-±50 ppm, etc

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

TR (Tape and Reel编带)

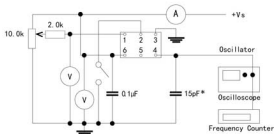
S (Special Requirement特殊要求)



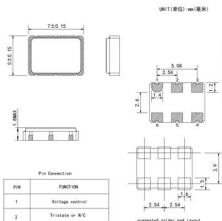
Electrical Specifications 电气参数

型号	Holder Type	5x7mm SMD VCXO			
频率范围	Frequency Range	F	1,000 to 80,000	80,000 to 250,00	MHz
总频差	Frequency Stability	$\Delta F/F$	±25	to ±50	ppm
输入电压	Input Voltage	V _{dd}	5.0 or 3.3 ± 10%	3.3 ± 10%	V
控制电压	Control Voltage	V _c	2.5 ± 2.25 or 1.65 ± 1.5	1.65 ± 1.5	V
输入电流	Input Current	I _{dd}	20 Max	35 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	6	Max	ns
占空比	Duty Cycle		40/60	Standard	
线性	Linearity		10%	Max	
牵引量	Pullability		±50	to ±100	ppm
相位噪声	Phase Noise		-140dBc/Hz@1KHz	-120dBc/Hz@1KHz	
抖动	Rms Jitter (120Hz to 20MHz)		1	Max	ps
典型频率	Typical Frequency		2,048 16,384 32,768 61,44 70,656 77,76	125 156,52 156,25 200	MHz

Test Circuit 测试电路



Mechanical Dimensions 外型尺寸



Reflow Condition 回流焊条件

