

5×7 SMD OSC(PECL/LVDS)

Part Number Guide

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

T (Type 型号): OH-5X7SMD OSC ,PECL /LVDS Output

V (Input Voltage 输入电压): 3-3.3V 2.5-2.5V, 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 40B=-40°C to +85°C, etc

P (Output 输出): P=PECL D=LVDS

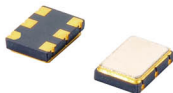
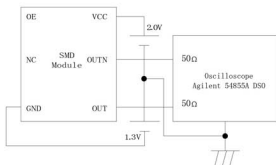
TR (Tape and Reel 编带)

S (Special Requirement 特殊要求)

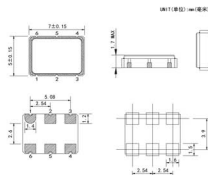
Electrical Specifications 电气参数

型号	Holder Type	5x7mm SMD OSC(PECL/LVDS Output)
频率范围	Frequency Range	1,000MHz to 220,00MHz
总频差	Frequency Stability	±25ppm to ±50ppm
输入电压	Supply Voltage	2.5V 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
负载	Load	50Ω (PECL), 100Ω (LVDS)
消耗电流	Current Consumption (2.5V)	55mA typ(88mA max)
	Current Consumption (3.3V)	60mA typ(90mA max)
相位噪声	Phase Noise	-130dBc/Hz@1KHz(155,52MHz 3.3V)
抖动	Rms Jitter(120kHz to 20MHz)	0.17Ps(155,25MHz 3.3V)
典型频率	Typical Frequency	61,44MHz,122,88MHz,155,52MHz,156,25MHz

Test Circuit 测试电路



Mechanical Dimensions 外型尺寸



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PN0 NO.	CONNECTION
01	N/C or Tri-state
02	N/C
03	Ground
04	Output
05	Output
06	-DC

Reflow Condition 回流焊条件

