

5x7 SMD OSCILLATOR(HCMOS/TTL)

●Part Number Guide

DX-T-V-F-FS-OT

T(Type型号): 0=5×7×1.4mm Max ceramic osc

OF=5×7×1.4mm Max ceramic osc(side pad)

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. 8.0000M, 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

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

TR(Tape and Reel编带)

S(Special Requirement特殊要求)



Pb
Free

RoHS Compliant
Directive 2002/95/EC

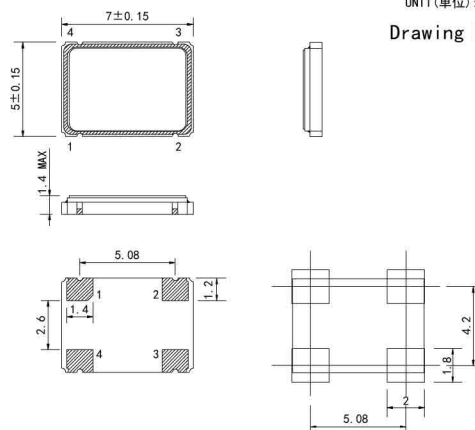
●Electrical Specifications 电气参数

型号	Holder Type	5x7mm SMD OSCILLATOR
频率范围	Frequency Range	1,000 MHz to 150,00 MHz
总频差	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~100,00MHz=40mA Max
	5.0V	60,000MHz~100,00MHz=60mA Max
	1.8V/3.3V	>100,00MHz=60mA Max
	5.0V	>100,00MHz=70mA Max
上升/下降时间	Rise/Fall Time	10ns Max

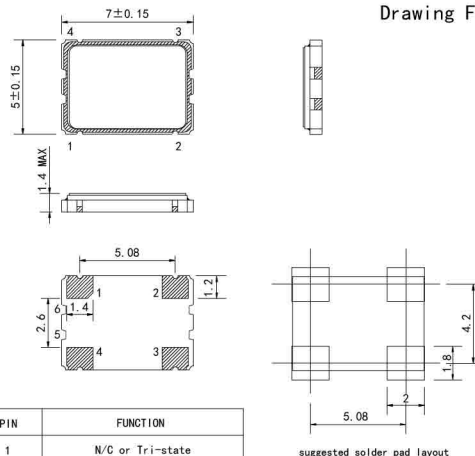
●Mechanical Dimensions 外型尺寸

UNIT(单位): mm(毫米)

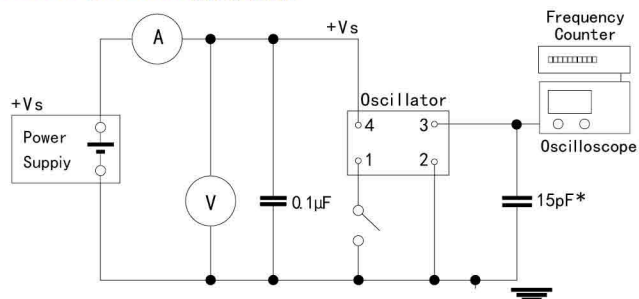
Drawing For 0



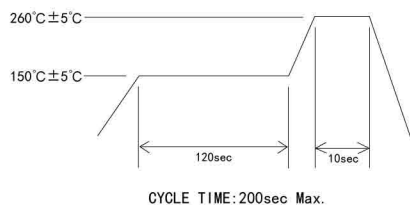
Drawing For 0F



●Test Circuit 测试电路



●Reflow Condition 回流焊条件



PIN	FUNCTION
1	N/C or Tri-state
2	Ground
3	Output
4	Vdd
5	Crystal
6	Crystal