

FULL SIZE (14PIN) OSCILLATOR

Part Number Guide

T-V-S-FF.FFFM- FS-OT-OP -TU-S

T (Type/型号): Q-FULL SIZE (14PIN) OSCILLATOR

V (Input Voltage/输入电压): 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/总偏差): 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

TU (Tube/管)

S (Special Requirement/特殊要求)



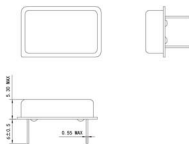
Pb Free RoHS Compliant
Directive 2002/95/EC

Electrical Specifications 电气参数

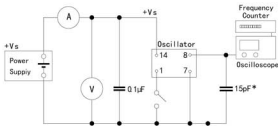
型号	Holder Type	FULL SIZE (14PIN) OSCILLATOR
频率范围	Frequency Range	1.0000 MHz to 100.00 MHz
总偏差	Frequency Stability	± 25ppm to ± 50ppm
输入电压	Supply Voltage	5.0V or 3.3V ± 10%
工作温度范围	Operating Temperature Range	-10°C ~ +60°C to -40°C ~ +85°C
储存温度范围	Storage Temperature Range	-40°C ~ +85°C / -55°C ~ +125°C
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	1.0000MHz~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~100.000MHz=40mA Max
	5.0V	60.000MHz~100.000MHz=60mA Max
上升/下降时间	Rise/Fall Time	10ns Max

Mechanical Dimensions 外型尺寸

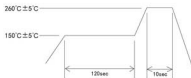
UNIT: (单位) mm (毫米)



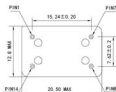
Test Circuit 测试电路



Reflow Condition 回流焊条件



CYCLE TIME: 200sec Max.



PIN	FUNCTION
1	N/E or Tri-state
7	Ground
8	Output
14	Vcc