

Temperature Compensated Crystal Oscillator (TCXO)

温度补偿晶体振荡器

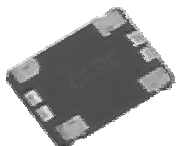
CERAMIC SMD

Stable frequency

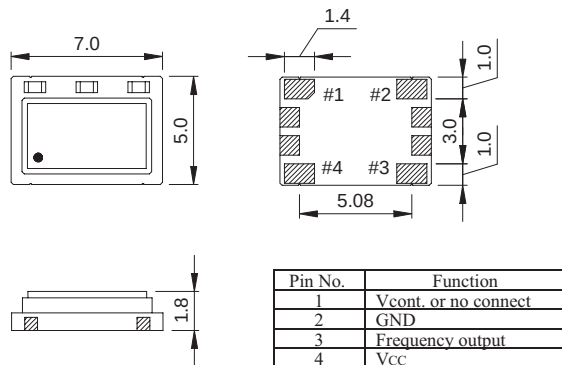
High reliability and precision

Measurement system

Communication system



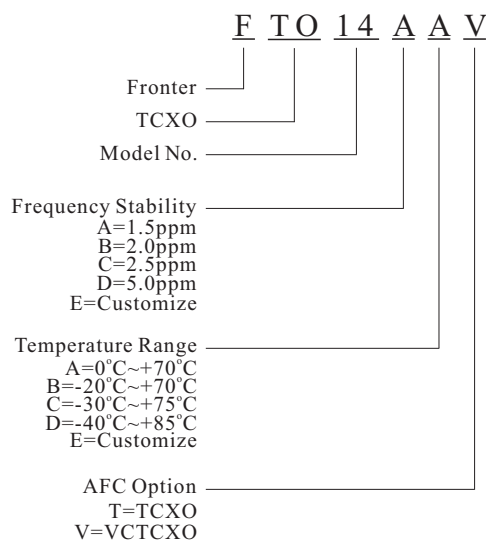
DIMENSIONS(Unit:mm) 外形尺寸



PARAMETERS 技术参数 (FTO 14 Series)

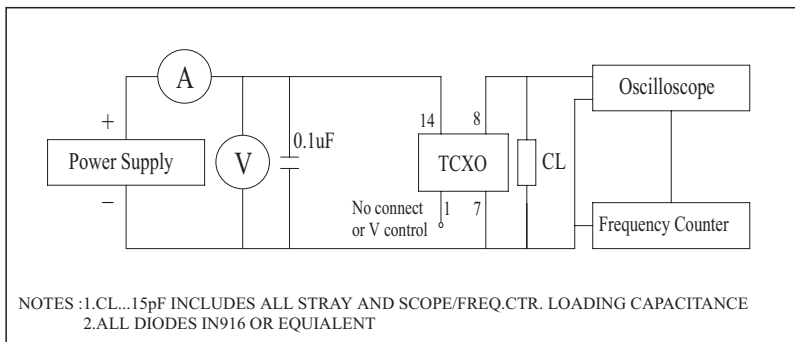
ELECTRICAL SPECIFICATIONS				
Frequency Range 频率范围	9.600MHz to 25.000MHz			
Frequency Stability 频率稳定度	±1.5ppm	±2.0ppm	±2.5ppm	±5.0ppm
	Inclusive of operating temperature range			
Operating Temperature Range	0°C~+70°C			
Storage Temperature Range	-40°C~+85°C			
Input Voltage 输入电压	+3Vdc ±5%			
Input Current 输入电流	2mA max.			
Output Wave Form 输出波形	0.8Vp-p min. AC Clipped sine wave			
Input Voltage Stability 输入电压稳定度	±0.3ppm max. (At +3.0Vdc ±5%)			
Load 负载	10K // 10pF ±10%			
Input Impedance	100K			
Aging (at 25 ℃) 老化率	±1.0ppm / Year max.			
AFC Characteristic(Optional)	±5.5ppm max. (At / +0.5Vdc ±2.5V)			
Polarity	Positive			
ENVIRONMENTAL & MECHANICAL SPECIFICATIONS				
Shock 抗冲击度	MIL-STD-883C, Method 2002, Condition B			
Vibration 抗振性度	MIL-STD-883C, Method 2007, Condition A			
Solderability 焊接性度	MIL-STD-883C, Method 2003			
Marking 标记	MIL-STD-883C, Method 215			

PART NUMBER GUIDE 部件号示例



Specifications subjects to change without notice & if you need other specifications, please contact our factory.

TEST CIRCUIT 测试原理图



WAVE FORM 波形图

