

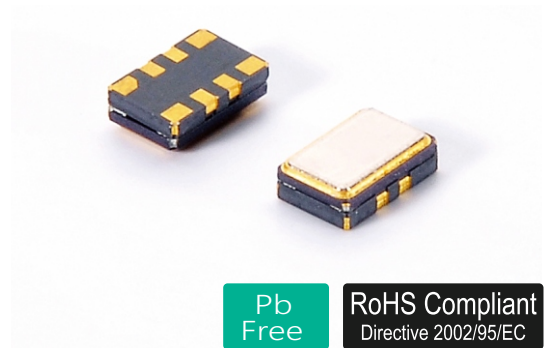
## 5.0×3.2 SMD VCTCXO

### FEATURE

- SMD type Crystal Oscillator.
- Miniature and lightweight.
- Low phase noise.
- One Chip IC assures high reliability.

### APPLICATIONS

- Mobile phones, GPS applications and other mobile communications.



Pb Free

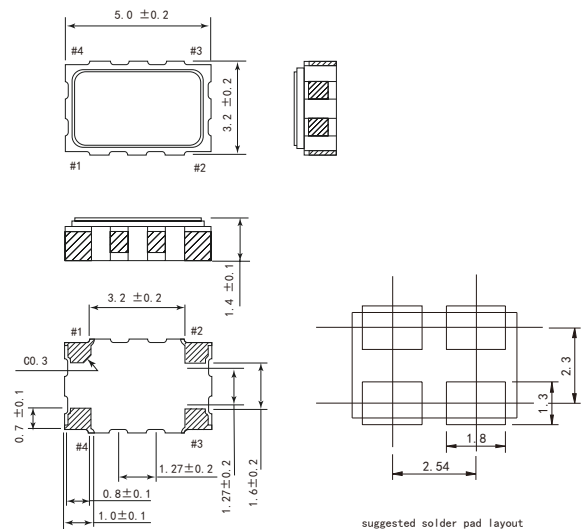
RoHS Compliant  
Directive 2002/95/EC

### Electrical Specifications 电气参数

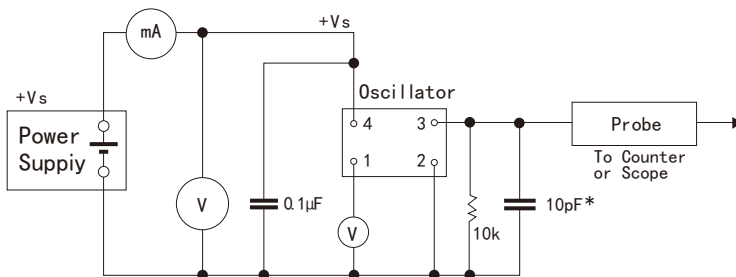
型号	Holder Type	5.0×3.2 SMD VCTCXO
频率范围	Frequency Range	0.5Mhz to 160Mhz
电压	Supply Voltage	5.0V or 3.3V ±10%
工作温度范围	Operating Temperature Range	-20°C - +70°C to -40°C - +85°C
保存温度范围	Storage Temperature Range	-40°C - +85°C
负载	Output load	( 10K // 10 PF ) +10%
频率偏差	Frequency Deviation	2.0ppm Max
频率稳定度	Frequency Stability	±0.5ppm to ±2.5ppm
老化	Aging	±1ppm Max./year
消耗电流	Current Consumption	2mA Max
相位噪声	SSB Phase Noise	
	100Hz offset typical	-113dB/Hz
	1KHz offset typical	-135dB/Hz
	10KHz offset typical	-148dB/Hz

### Mechanical Dimensions 外型尺寸

UNIT (单位) :mm (毫米)



### Test Circuit (测试电路)



脚位 PIN	脚位连接 Connection	
	VC-TCXO	TCXO
1	Vc	N. C.
2	GND	
3	OUT	
4	Vcc	

※Note: 0.01µF bypass capass capacitor should ben placed between Vcc(PIN4) and GND(PIN2) to Minimize power supply line noise.