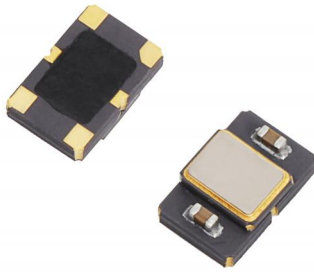


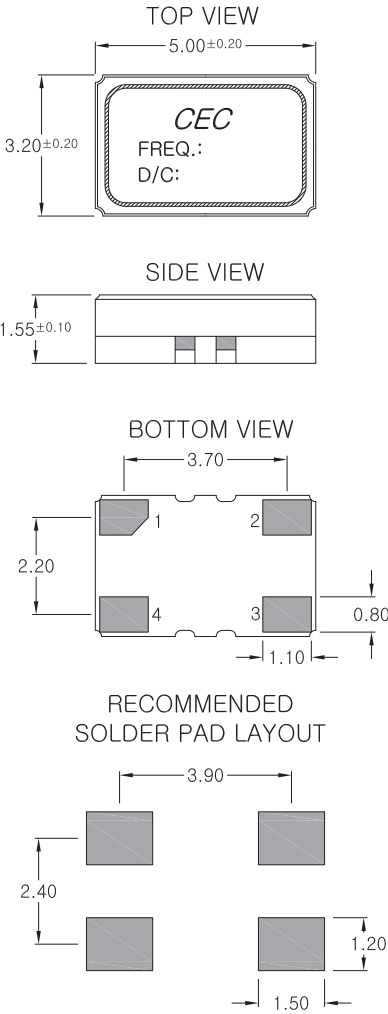
5×3.2 SMD VCTCXO

Part Number Guide				
TXW10-XXXX-FREQ.				
TXW10: Package-5x3.2 SMD VCTCXO				
XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range				
FREQ.: Frequency in MHz				
Example: TXW10-AASCN-10MHz (3.3V, ±0.1ppm@ -40°C~85°C, CMOS, no adjustment)				
Parameters参数		CodingTable代码表		
11	Frequency Range 频率范围	5MHz~52MHz		
~		10, 12, 8, 16, 16.384, 19.2, 19.44, 20, 25, 40, 50MHz		
6	Input Voltage 输入电压	F:3.0V, A:3.3V, B:5V		
7	Temp. Range 温度范围	A: -40°Cto85°C, B: -30°Cto75°C, C: -20°Cto70°C, D: 0°Cto70°C		
8	Temp Stability 温度稳定性	Q: ±0.1ppm, R: ±0.2ppm, S: ±0.3ppm, T: ±0.5ppm, U: ±1.0ppm		
9	Output Waveform 输出波形	C:CMOS, S:Clipped Sine Wave		
10	Adjustment Range 调频范围	H: ±5ppm~±10ppm N: No Adjustment		
Voltage电压				
Input Voltage 输入电压		3.0V±5%	3.3V±5%	5V±5%
VCO Center Voltage 压控端中心电压		1.5V		
VCO Input Range 压控端电压范围		0~3V		
Typical Specification of 10MHz TCXO 典型规格				
Frequency tolerance 频率精度		<±1ppm, after IR reflow		
Aging 老化率		<±0.05ppm/year		
Voltage Stability 电压稳定性		<±0.05ppm@VDC±5%		
Load Stability 负载稳定性		<±0.05ppm@CLoad±5%		
Start Time 开机时间		<2 ms		
Supply Current 消耗电流	CMOS Output	<4mA		
	Clipped Sine Wave Output	<2mA		
Output Level (CMOS) 输出电平	Output High Level	>90%Vcc		
	Output Low Level	<10%Vcc		
	Duty Cycle	45%~55%		
Output Level (C_Sine) 输出幅度		>0.8V Vp-p		
Load 负载	CMOS Output	15pF		
	Clipped Sine Wave Output	10KΩ//10pF		
Phase Noise 相位噪声	@100Hz	-130 dBc/Hz TYP.		
	@1k Hz	-150 dBc/Hz TYP.		
	@10k Hz	-160 dBc/Hz TYP.		
Storage Temp. Range 存储温度范围		-55~125°C		



Pb Free RoHS Compliant

Mechanical Dimensions 外形尺寸



PIN CONNECTIONS

PIN No.	FUNCTION
1	Vcon:VCTCXO / N/C:TCXO
2	GND
3	R.F. Output
4	+Vcc

Unit:mm