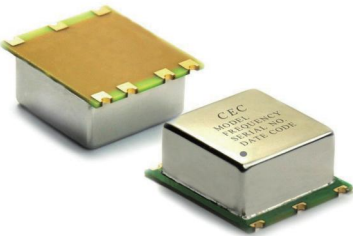


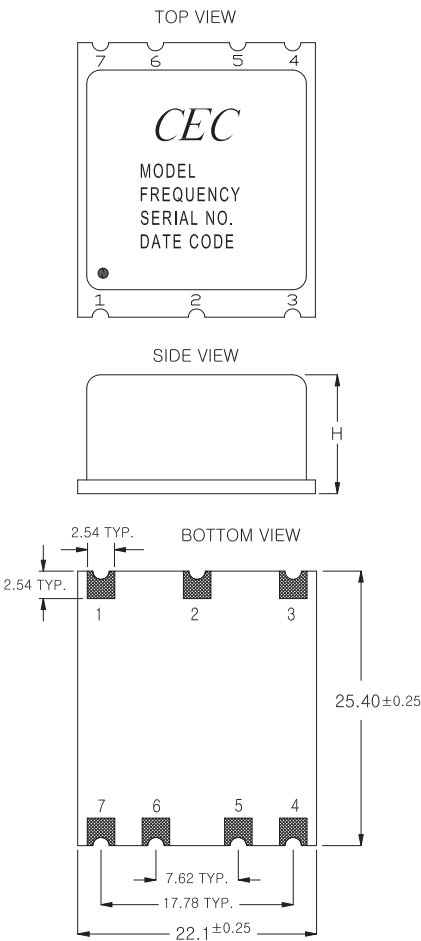
OXC10 SERIES

Part Number Guide				
OXC10-XXXX-FREQ. OXC10: OCX0-C Package/10 Series XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range FREQ.:Frequency in MHz Example:OXC10-AAHHA-10MHz (3.3V, ±3ppb@-40℃~85℃, HCMOS, ±0.5~±1.0ppm adjustment range)				
Parameters参数		CodingTable代码表		
11	Frequency Range 频率范围	5MHz~50MHz		
~		10, 12, 8, 13, 15, 36, 16, 384, 19, 2, 19, 44, 20, 25, 26, 38, 88MHz		
6	Input Voltage 输入电压	A:12V B:5V C:12V		
7	Temp. Range 温度范围	A: -40℃ to 85℃, B: -30℃ to 75℃, C: -20℃ to 70℃		
8	Temp. Stability 温度稳定性	H: ±3ppb, I: ±5ppb, J: ±10ppb		0: ±30ppb, P: ±50ppb, Q: ±0.1ppb
9	Output Waveform 输出波形	L: LVTTTL, H: HCMOS, S: Sine wave		
10	Adjustment Range 调频范围	A: ±0.5ppm~±1.0ppm N: No Adjustment		A: ±50ppm~±10ppm N: No Adjustment
Voltage(reference only) 电压 (仅供参考)				
Input Voltage 输入电压		3.3V±5%		5V±5%
Reference Voltage 参考电压		Not Connected	2.8V	Not Connected 4V
VCO Center Voltage 压控端中心电压		1.65V	1.4V	2.5V 2V
VCO Input Range 压控端输入范围		0~3.3V	0~2.8V	0~5V 0~4V
Typical Specification of 10MHz OCX0 典型规格				
Crystal Type 晶体类型		SC-Cut		AT-Cut
Aging 老化率	daily	<±0.3ppb	daily	<±3ppb
	Yearly	<±30ppb	Yearly	<±0.3ppm
Warm-up Time 预热时间	<3min, to 5ppb of final frequency (30 minutes reading)@25℃.		<3min, to 50ppb of final frequency (30 minutes reading)@25℃.	
Warm-up Power 预热功率	<3 Watts		<3 Watts	
Steady State Power 稳态功耗	<1.2 Watts@25℃		<1.0 Watts@25℃	
Voltage Stability 电压稳定性	<±0.5ppb@Vcc±5%		<±0.5ppb@Vcc±5%	
Short Term Stability 短期稳定度	<0.01ppb/S		<0.1ppb/S	
Phase Noise 相位噪声 (Typical Value) (典型值)	-98 dBc/Hz	@1Hz	-85 dBc/Hz	@1Hz
	-128 dBc/Hz	@10Hz	-115 dBc/Hz	@10Hz
	-150 dBc/Hz	@100Hz	-143 dBc/Hz	@100Hz
	-158 dBc/Hz	@1KHz	-154 dBc/Hz	@1KHz
	-164 dBc/Hz	@10KHz	-164 dBc/Hz	@10KHz
	-165 dBc/Hz	@100KHz	-165 dBc/Hz	@100KHz
Product Height 产品高度	10.7mm, 12.2mm, 15mm typical			



Pb Free RoHS Compliant

Mechanical Dimensions 外形图



PIN CONNECTIONS

PIN	FUNCTION
1	VCO Input or N/C
2	Reference Voltage or N/C
3	+VCC
4	R. F. Output
5	Oven Monitor or N/C
6	N/C
7	GND

Unit: mm

Reflow Condition 回流焊条件

