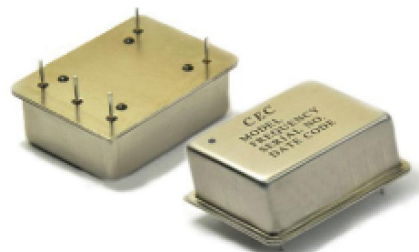


OXA10 SERIES

Part Number Guide		
OXA10 - XXXXX - FREQ.		
OXA10: OCXO-A Package/10 Series		
XXXXX: Input Voltage/Temp. Range/ Temp. Stability/Output/Adjustment Range		
FREQ.: Frequency in MHz		
Example: OXA10-AAHHA-10MHz (3.3V, ±3ppb@-40°C~85°C, HCMOS, ±0.5~±1.0ppm, adjustment range)		
Parameters 参数	Coding Table 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, 30.72, 38.88, 40, 50MHz	
6 Input Voltage 输入电压	A: 3.3V, B: 5V, C: 12V	
7 Temp. Range 温度范围	A: -40°C to 85°C, B: -30°C to 75°C, C: -20°C to 70°C	
8 Temp. Stability 温度稳定性	H: ±3ppb, I: ±5ppb, J: ±10ppb O: ±30ppb, P: ±50ppb, Q: ±100ppb	
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 H: ±5ppm ~ ±10ppm N: No Adjustment	
Voltage 电压 (reference only 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 典型规格		
Crystal Type 晶体类型	SC-Cut AT-Cut	
Aging 老化率	daily < ±0.3ppb Yearly < ±30ppb	daily < ±3ppb Yearly < ±0.3ppm
	Warm-up Time 开机时间	<3min, to 5ppb of final frequency (30 minutes reading) @25°C. <3min, to 50ppb of final frequency (30 minutes reading) @25°C.
Warm-up Power 开机功率	<3 Watts <3 Watts	
Steady State Power 稳态功耗	<1.2 Watts @25°C <1.0 Watts @25°C	
Voltage Stability 电压稳定性	< ±0.5ppb@Vcc ± 5% < ±5ppb@Vcc ± 5%	
Short Term Stability 短期稳定度	<0.005ppb/S <0.05ppb/S	
Phase Noise 相位噪声 (Typical Value) (典型值)	@1Hz -98 dBc/Hz @10Hz -128 dBc/Hz @100Hz -145 dBc/Hz @1kHz -155 dBc/Hz @10kHz -164 dBc/Hz	@1Hz -85 dBc/Hz @10Hz -115 dBc/Hz @100Hz -140 dBc/Hz @1kHz -150 dBc/Hz @10kHz -162 dBc/Hz
	MTIE	0.02ns@1s, 0.1ns@10s, 1ns@100s (1MHz loop bandwidth)
	TDEV	0.001ns@1s, 0.008ns@10s, 0.1ns@100s (1MHz loop bandwidth)
	Product Height 产品高度	11mm, 12.7mm Max.



Pb Free
RoHS Compliant
Directive 2002/95/EC

Mechanical Dimensions 外型尺寸

