

# OXB09 SERIES

## Part Number Guide

OXB09 - XXXXX - FREQ.

OXB09: OCKO-B Package/09 Series

XXXXX: Input Voltage/Temp. Range/ Temp. Stability/Output/Adjustment Range

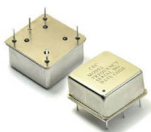
FREQ.: Frequency in MHz

Example: OXB09-BAHLN-10MHz (5V, ±3ppb @ -40°C~85°C, LVTTTL, no adjustment)

Parameters 参数	Coding Table 代码表
11 Frequency 频率	10MHz
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, D: 0°C to 70°C
8 Temp. Stability 温度稳定性	H: ±3ppb, I: ±5ppb, J: ±10ppb
9 Output Waveform 输出波形	L: LVTTTL, H: HCMOS, S: Sine wave
10 Adjustment Range 调整范围	A: ±0.5ppm ~ ±1.0ppm N: No Adjustment

## Typical Specification of 10MHz OCKO 典型规格

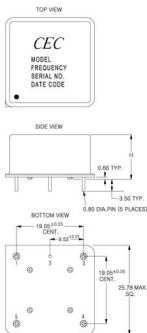
Aging 老化率	daily	< ±0.3ppb
	Yearly	< ±30ppb
Warm-up Time 开机时间	< 3min, to 5ppb of final frequency (30 minutes reading) @25°C.	
Warm-up Power 暖机功率	< 4 Watts	
Steady State Power 稳态功耗	< 1.2 Watts @25°C	
Voltage Stability 电压稳定性	< ±0.5ppb @ Vcc ± 5%	
Short Term Stability 短期稳定度	< 0.005ppb/s	
Phase Noise (Typical Value) 相位噪声 (典型值)	@1 Hz	-105 dBc/Hz
	@10 Hz	-130 dBc/Hz
	@100Hz	-152 dBc/Hz
	@1k Hz	-168 dBc/Hz
	@10k Hz	-175 dBc/Hz
Product Height 产品高度	12.7mm Max.	



Pb Free

RoHS Compliant  
Directive 2002/95/EC

## Mechanical Dimensions 外形图



## PIN CONNECTIONS

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

Unit: mm