

# OXB12 SERIES

## Part Number Guide

OXB12 - XXXXX - FREQ.

OXB12: OCXO-B Package/12 Series

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

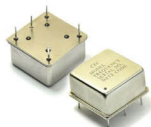
FREQ.: Frequency in MHz

Example: OXB12-CAPSN-100MHz (12V,±50ppb@ -40°C~85°C, sine wave, no adjustment)

Parameters 参数	Coding Table 代码表
11 Frequency 频率	80~200MHz
6 Input Voltage 输入电压	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	J: ±10ppb, O: ±30ppb, P: ±50ppb, Q: ±100ppb
9 Output Waveform 输出波形	S: Sine wave
10 Adjustment Range 调整范围	C: ±1~±2ppm N: No Adjustment

## Typical Specification of 10MHz OCXO 典型规格

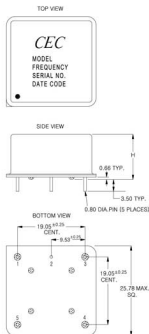
Aging 老化率	daily	<±3ppb
	Yearly	<±0.3ppm
Output Level 输出功率		7~11dBm
Control Voltage 压控电压		0~8V
Reference Voltage 参考电压		8V (optional)
Warm-up Time 暖机时间		<5min, to 50ppb of final frequency (30 minutes reading) @25°C.
Turn On Power 开机功率		<4 Watts
Steady State Power 稳态功耗		<1.5 Watts @25°C
Voltage Stability 电压稳定性		<±10ppb@Vcc±5%
Phase Noise (Typical Value) 相位噪声 (典型值)	@10 Hz	-100 dBc/Hz
	@100Hz	-130 dBc/Hz
	@1k Hz	-162 dBc/Hz
	@10k Hz	-170 dBc/Hz
	@100k Hz	-174 dBc/Hz
Product Height 产品高度		11mm, 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	VCO Input or N/C
4	Reference Voltage or N/C
5	+VCC

UNIT: mm