

# OXD14 SERIES

## Part Number Guide

### OXD14 - XXXXX – FREQ.

OXD14: OCXO-D Package/14 Series

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

FREQ.: Frequency in MHz

Example: OXD14-BCFHA-10MHz (5V,±1ppb@ -20°C~70°C, HCMOS,±0.5~±1.0ppm adjustment range)

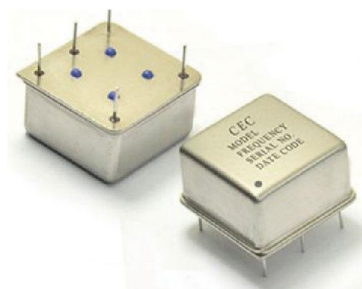
Parameters 参数	Coding Table 代码表
11~ Frequency Range 频率范围	5MHz-26MHz 5, 8.192, 10, 12.8, 13, 15.36, 16.384, 19.2, 19.44, 20, 25, 26MHz
6 Input Voltage 输入电压	A: 3.3V, B:5V, C:12V
7 Temp. Range 温度范围	A: -40°C to 85°C, B: -30°C to 75°C, C: -20°C to 70°C
8 Temp. Stability 温度稳定度	E:±0.5ppb, F:±1ppb, G:±2ppb
9 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

## Voltage 电压

Input Voltage 输入电压	3.3V ±5%	5V ±5%	12V ±5%
Reference Voltage 参考电压	2.8V	4V	5V
VCO Center Voltage 压控中心电压	1.4V	2V	2.5V
VCO Input Range 压控输入范围	0~2.8V	0~4V	0~5V

## Typical Specification of 10MHz OCXO 典型指标

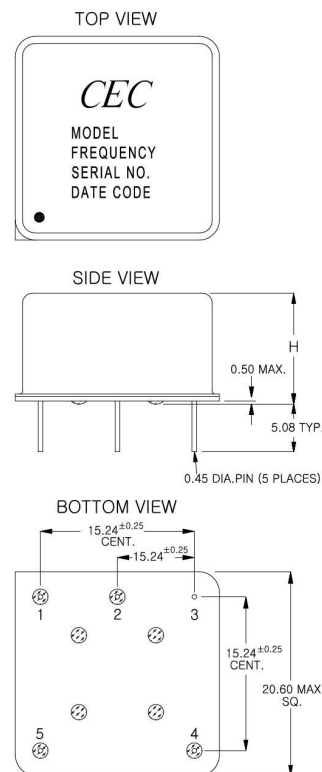
Crystal Type 晶体类型	SC-Cut	Voltage Stability 电压稳定性	<±0.1ppb@Vcc±5%
Aging 老化	daily<±0.1ppb	Short Term Stability 短期稳定度	< 0.003ppb/S
	Yearly<±10ppb	Warm-up Power 加热功耗	< 3 Watts
Product Height 产品高度	11mm or 12.7mm Max.	Steady State Power 稳态功耗	< 1.0 Watts @25°C
Phase Noise 相位噪声	-100dBc/1Hz, -130dBc/10Hz, -150dBc/100Hz, -165dBc/1kHz, -173dBc/10kHz		



Pb Free

RoHS Compliant  
Directive 2002/95/EC

## Mechanical Dimensions 外形图



## PIN CONNECTIONS

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

Unit: mm