

OXC19 SERIES

Part Number Guide

OXC19 - XXXXX - FREQ.

OXC19: OCKO-C Package/19 Series

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

FREQ.: Frequency in MHz

Example: OXC19-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	E:±0.5ppb, F:±1ppb, G:±2ppb
9 Output Waveform 输出波形	L:LVTTTL, H:HCMOS, S:Sine wave
10 Adjustment Range 调整幅度	A: ±0.5ppm~±1.0ppm N: No Adjustment

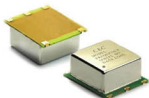
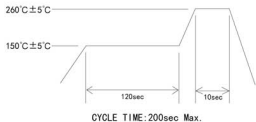
Voltage 电压

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 压控振荡器中心电压	1.4V	2V	2.5V
VCO Input Range 压控振荡器输入范围	0~2.8V	0~4V	0~5V

Typical Specification of 10MHz OCKO 典型指标

Crystal Type 晶体类型	SC-Cut	Voltage Stability 电压稳定性	<±0.5ppb@Vcc±5%
Aging 老化	daily<±0.3ppb	Short Term Stability 短期频率稳定性	<0.003ppb/S
	Yearly<±30ppb	Warm-up Power 加热功耗	<3 Watts
Product Height 产品高度	12.2mm typical	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		

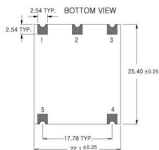
Reflow Condition 回流焊条件



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	+VDC
4	R. F. Output
5	GND

Unit: mm