

OXA10 SERIES

Part Number Guide				
OXA10-XXXX-FREQ.				
OXA10: OXC0-A Package/10 Series				
XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range				
FREQ.:Frequency in MHz				
Example: OXA10-AAHHA-10MHz (3.3V±3ppb@-40℃~85℃, 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℃ to 85℃, B: -30℃ to 75℃, C: -20℃ to 70℃		
8	Temp. Stability 温度稳定性	H: ±3ppb, I: ±5ppb, J: ±10ppb		0: ±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（referenceonly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	daily	<±3ppb
	Yearly	<±30ppb	Yearly	<±0.3ppm
Warm-up Time 预热时间		<3min, to 5ppb of final frequency (30 minutes reading)@25℃.		<3min, to 50ppb of final frequency (30 minutes reading)@25℃.
Warm-up Power 预热功率		<3 Watts		<3 Watts
Steady State Power 稳态功耗		<1.2 Watts@25℃		<1.0 Watts@25℃
Voltage Stability 电压稳定性		<±0.5ppb@Vcc±5%		<±0.5ppb@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)	-98 dBc/Hz	@1Hz	-85 dBc/Hz	@1Hz
	-128 dBc/Hz	@10Hz	-115 dBc/Hz	@10Hz
	-145 dBc/Hz	@100Hz	-140 dBc/Hz	@100Hz
	-155 dBc/Hz	@1KHz	-150 dBc/Hz	@1KHz
	-164 dBc/Hz	@10KHz	-162 dBc/Hz	@10KHz
Product Height 产品高度		11mm, 12.7mm Max.		

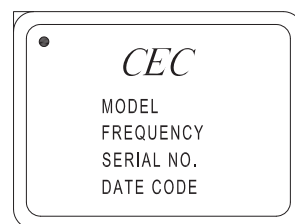


Pb Free

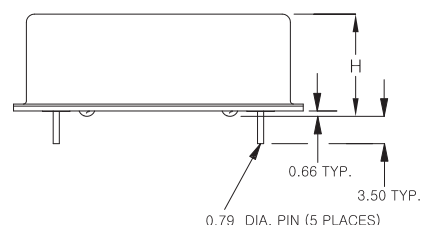
RoHS Compliant

Mechanical Dimensions 外型尺寸

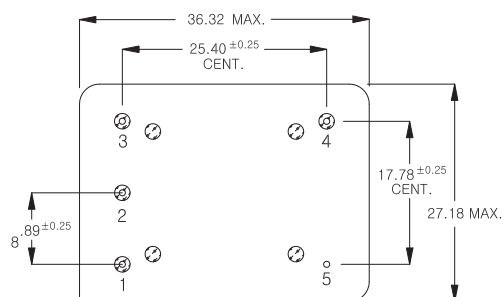
TOP VIEW



SIDE VIEW



BOTTOM VIEW



PIN CONNECTIONS

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

Unit: mm