

● **Crystal Oscillator (晶体振荡器) – CXO series (钟振系列)**

● **Clock Oscillator DIP CXO-100 series. (引线型钟振系列)**



● **Applications 用途:**

Computer, HDD, VGA Card, Workstation, CD player, Switching, Hub, LAN card, etc. 电脑硬驱, 彩色显卡, 工作站, 光盘机, 切换器, 集线器, 有线及无线网卡。

● **Features 特征:**

- Metal package with resistance welded. 电阻封焊式金属外壳。
- Full & half size package for PCB assembly. 全形, 半形尺寸供不同电路板组装。
- Tri-state available if specify. 可指定三态规格使用。

● **Typical specifications 规格参数**

Model		型号	CXO-100F, CXO-100H	
Frequency range		频率范围	0.5 ~ 110MHz	0.5 ~ 125MHz
Frequency stability		总频差	$\pm 20, \pm 25, \pm 50, \pm 100 \times 10^{-6}$,	
Temperature range		温度范围	-40 ~ +85 °C	
Storage temperature		储存温度	-55 ~ +125 °C	
Power supply voltage		供电电压	+5V ($\pm 10\%$)	+3.3V ($\pm 10\%$)
Current consumption		消耗电流	15mA max. : 1-21.9MHz 30mA max. : 22-49.9MHz 40mA max. : 50-70.0MHz 60mA max. : 70-79.9MHz 70mA max. : 80-110MHz	10mA max. : 1-21.9MHz 20mA max. : 22-49.9MHz 25mA max. : 50-70.0MHz 35mA max. : 70-79.9MHz 45mA max. : 80-125MHz
Output		出力	CMOS	TTL
Output load		输出负载	15pF Typical, (50pF max.)	2TTL or 5TTL or 10TTL
Output Voltage	输出电压	“0” Level 0位 “1” Level 1位	V _{OL} : 0.1V _{DD} max. V _{OH} : 0.9V _{DD} min.	V _{OL} : 0.4V max. V _{OH} : 2.4V min.
Rise & Fall time		上升及下降时间	10ns max.: F ≤ 40MHz 6ns max.: F > 40MHz (at 10%-90% V _{DD})	10ns max.: F ≤ 40MHz 6ns max.: F > 40MHz (at 0.4-2.4V _{DC})
Symmetry		占空比	45-55% at 50%V _{DD} F ≤ 50 MHz 40-60% at 50%V _{DD} F > 50 MHz	40-60% at +1.4V

● Please consult for other specifications. (若有其它规格需求请告知)

● **Outline Dimensions [Unit: mm] 外形尺寸**

