

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

● **Clock Oscillator DIP JPS-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	JPS-100F, JPS-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	0 ~ +70 °C	
Storage temperature	储存温度	-55 ~ +125 °C	
Power supply voltage	供给电压	+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	“0” Level 0位 “1” Level 1位
Rise & Fall time	上升及下降时间	10ns max.: $F \leq 40$ MHz 6ns max.: $F > 40$ MHz (at 10%-90% Vdd)	10ns max.: $F \leq 40$ MHz 6ns max.: $F > 40$ MHz (at 0.4-2.4VDC)
Symmetry	占空比	45-55% at 50%Vdd $F \leq 69.9$ MHz 40-60% at 50%Vdd $F > 69.9$ 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**

