

OB Series Full Size Oscillator

FEATURE

- All metal welded package.
- Broad frequency range from 0.25MHz to 180MHz.
- Built-in C-MOS IC with tri-state function.
- 5V and 3.3V supply model available.
- Pb-free and RoHS/Green compliant.

APPLICATIONS

- Ideally suited designed for use in monitor, computers, wireless lan card & wire lan card, CD-PLAYER, HDD, Work station.

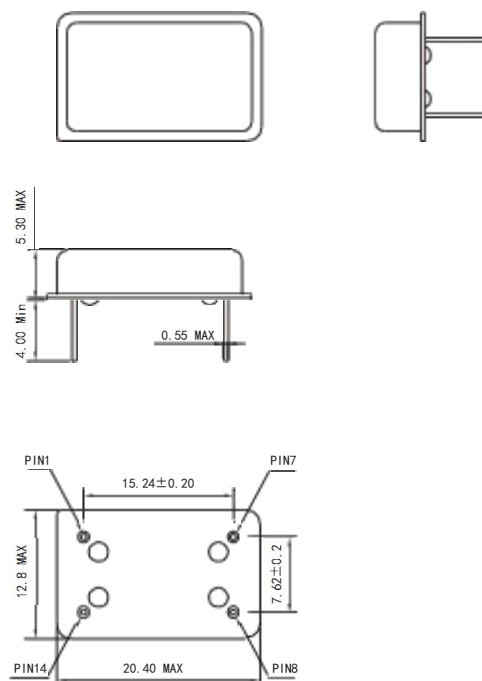


Electrical Specifications 电气参数

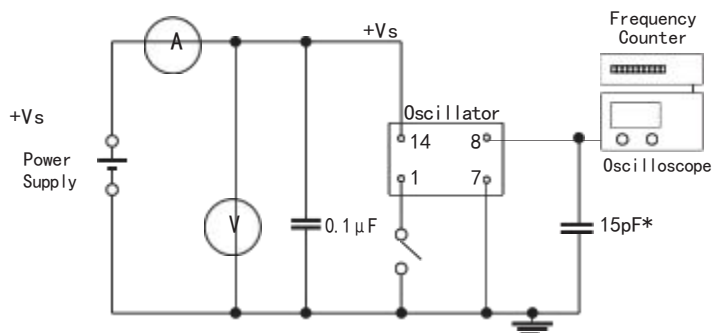
型号	Holder Type	FULL SIZE (14PIN) OSCILLATOR
频率范围	Frequency Range	1.000 Mhz to 100.000 Mhz
总频差	Frequency Stability	$\pm 25\text{ppm}$ to $\pm 50\text{ppm}$
输入电压	Supply Voltage	5.0V or 3.3V $\pm 10\%$
工作温度范围	Operating Temperature Range	-20°C - +70°C / -40°C - +85°C
储存温度范围	Storage Temperature Range	-40°C - +85°C / -55°C - +125°C
占空比	Symmetry (Duty Cycle)	40/60 Standard
输出	Output Load 5.0 V	10 TTL or 15pF Hcmos
	Output Load 3.3 V	10 TTL or 15pF Hcmos
消耗电流	Current Consumption 5.0V (15pf only)	1.000Mhz - 35.999Mhz=25mA max
		36.000Mhz - 69.999Mhz=60mA max
		70.000Mhz - 100.000Mhz=80mA max
	Current Consumption 3.3V (15pf only)	1.000Mhz - 35.999Mhz=20mA max
		36.000Mhz - 69.999Mhz=40mA max
		70.000Mhz - 100.000Mhz=60mA max
上升/下降时间	Rise/Fall Time	5 nS max

Mechanical Dimensions 外型尺寸

UNIT (单位) :mm(毫米)



Test Circuit (测试电路)



PIN	FUNCTION
1	N/C or Tri-state
7	Ground
8	Output
14	Vdd

※Notes:

N/C: If the product does not contain Tri-state function, no matter how PIN1 connected, the product is working properly.

Tri-state: PIN 1 connected to Vdd or floating, the product is working properly; connected to GND, stops working.