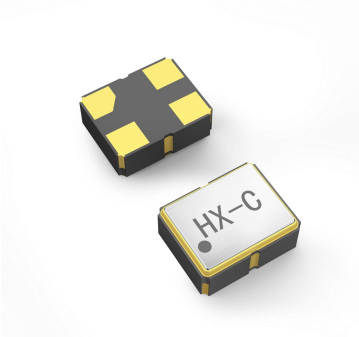
# 有源晶振2Y系列
# 2520




## APPLICATIONS

- Smart Wearable
- WiMAX/ Bluetooth
- Graphics/ HDTV/ RF Devices

## FEATURE

- Miniature 2.5×2.0mm/ Ceramic Package
- Low Power Consumption
- Tri-state available
- Tight Tolerance and Stability
- Reflow Soldering/Emboss Taping

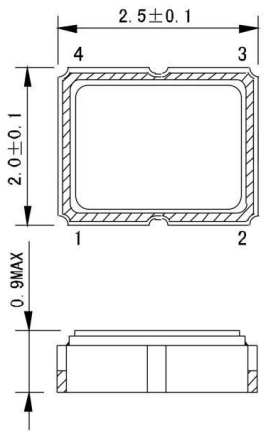
RoHS Compliant

## Electrical Specifications 电气参数

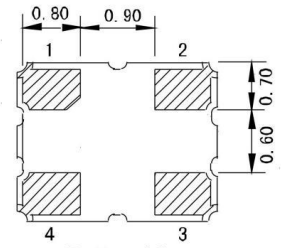
| 项目 | Item/Type | Electrical Specifications |
|---|---|---|
| 频率范围 | Frequency Range | 1MHz to 160MHz |
| 总频差 | Frequency Stability | ±10ppm , ±20ppm |
| 工作温度范围 | Operating Temperature Range | -40℃ ~ +85℃,-40℃ ~ +125℃ |
| 输入电压 | Power Supply Voltage | 1.8~3.3V DC ±10%. |
| 输出波形 | Output Type | CMOS |
| 输出负载 | Output Load | 15pF, or specify |
| 占空比 | Symmetry | 45% to 55% |
| 输出电压 | Output Voltage Level | VOL: 70%Vcc max. / VOH: 30%Vcc min. |
| 上升/下降时间 | Rise/Fall Time | 5ns max. |
| 启动时间 | Start-up Time | 3ms max. |
| 电流 | Current | 7.0mA |
| 储存温度范围 | Storage Temperature Range | -55℃ ~ +125℃ |
| 年老化率 | Aging ( at 25℃) | ±2ppm/year max. |

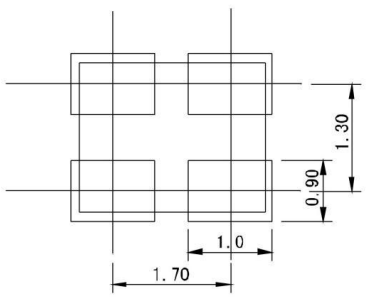
## Mechanical Dimensions 外型尺寸

Units:mm



Pad Functions:
1. ENABLE CONTROL
2. GND
3. OUT PUT
4. VDD




Buttom View
仰视图