



这类音叉晶体谐振器具有体积小、功耗小、优良的抗震性，广泛用于电子钟，各种电话，游戏机系统。

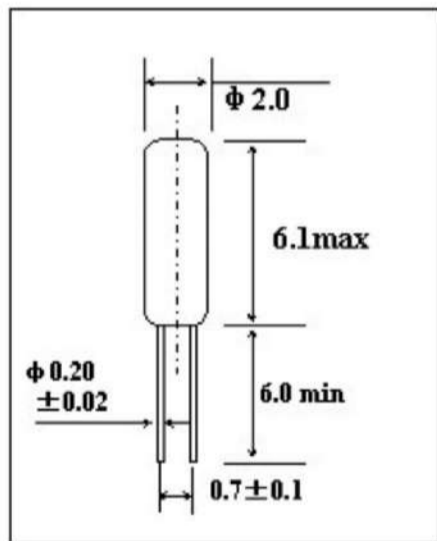
This type of crystal is miniature and of high accuracy, excellent in shock resistance and low in power consumption. It's widely used in Watches & clocks, Telephones, Game systems, Measuring equipment, Computer etc.

技术参数 SPECIFICATIONS

| | | | | | | |
|------|-----------------------------------|-----|---------------|-------|---------|-----------|
| 封装形式 | HOLDER TYPE | | φ 3X8 | φ 2X6 | φ 1.5X5 | φ 1.2X4.6 |
| 频率范围 | FREQUENCY RANGE | KHZ | 30~76.8 | | | |
| 频率误差 | FREQUENCY TOLERANCE | ppm | ±20;±50;±100; | | | |
| 拐点温度 | TURNOVER TEMPERATURE | ℃ | 25±5 | | | |
| 负载电容 | LOAD CAPACITANCE | pF | 12.5 | | | |
| 谐振电阻 | EQUIVALENT SERIES RESISTANCE(MAX) | KΩ | 30;40;50 | | | |
| 激励电平 | DRIVE LEVEL (TYP) | μW | 1.0 | | | |
| 静电容 | SHUNT CAPACITANCE (TYP) | pF | 1.6 | 1.3 | | |
| 年老化率 | AGING (FIRST YEAR MAX) | ppm | ±5 | | | |
| 绝缘电阻 | INSULATION RESISTANCE (MIN) | MΩ | 500 | | | |
| 工作温度 | OPERATION TEMPERATURE RANGE | ℃ | -10~+60 | | | |
| 贮存温度 | STORAGE TEMPERATURE RANGE | ℃ | -40~+85 | | | |

- *1、常用的频点有Common frequencies: 38.00KHz, 40.00KHz, 50.00KHz, 60.003KHz, 75.00KHz, 76.80KHz, 77.503KHz, 100.00KHz。
- 2、负载电容可由客户指定 Lad capacitance can be Specified by Customer。

外观尺寸 DIMENSION(UNIT:mm)



φ 2X6
Unisom

| Mode | A | B | C | D | E |
|-------|----------|--------|--------|-----|------|
| TF308 | φ 3.1max | 8.0max | φ 0.3 | 1.1 | 9Min |
| TF206 | φ 2.1max | 6.0max | φ 0.2 | 0.7 | 4Min |
| TF145 | φ 1.5max | 5.0max | φ 0.2 | 0.5 | 4Min |
| TF124 | φ 1.2max | 4.6max | φ 0.15 | 0.6 | 4Min |