



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。

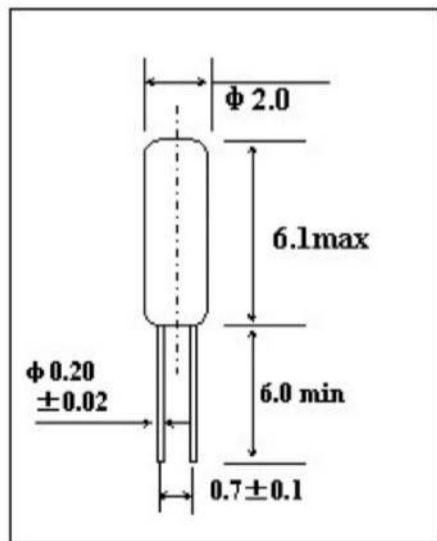
This type of crystal is miniature and of high accuracy, excellent in shock resistance and low in power consumption. It's widely used in Watches & clocks, Telephones, Game systems, Measuring equipment, Computer etc.

**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