



RoHS

# 音叉晶体谐振器 QUARTZ RESONATOR(TF308 TF206 TF145 TF124)

TKD CRYSTAL



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。

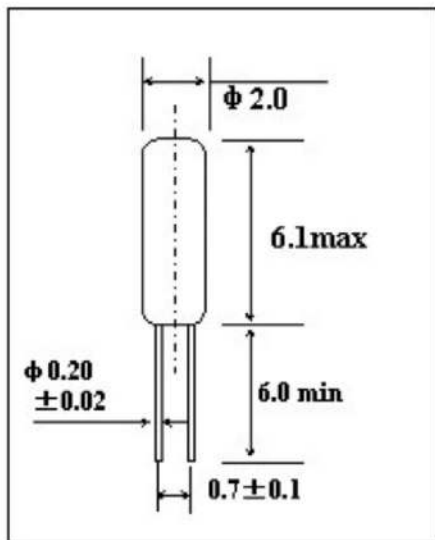
This type of crystal is miniature and of high accuracy, excellent in shock resistance and low in power consumption. It's widely used in Watches & clocks, Telephones, Game systems, Measuring equipment, Computer etc.

## 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