



TKD CRYSTAL



这类晶体谐振器主要应用于收音模块客户的焊接工艺

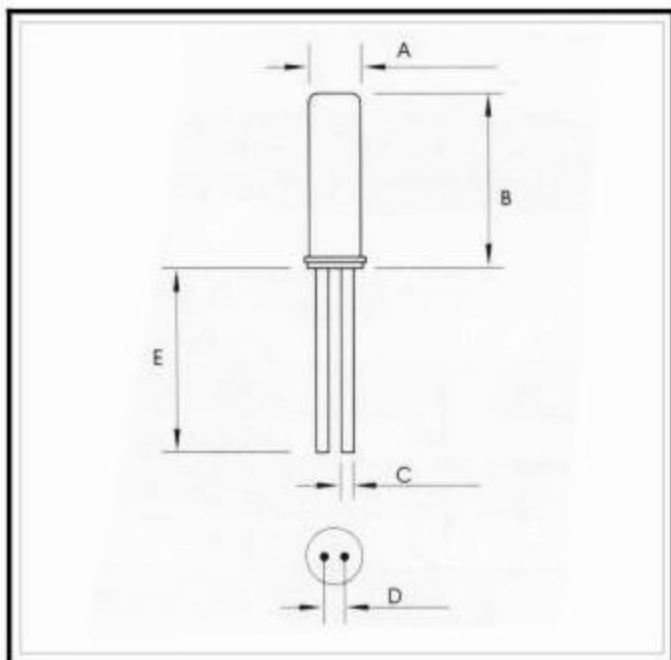
This type of crystal is miniature used in FM/AM module

技术参数 SPECIFICATIONS

封装形式	HOLDER TYPE		3×8	φ2×6	φ1.5×5
标称频率	NOMINAL FREQUENCY	KHZ	32.768		
频率误差	FREQUENCY TOLERANCE	ppm	±10 ~ ±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: 32.768KHz
- 2、负载电容可由客户指定 Load capacitance can be Specified by Customer。

外观尺寸 DIMENSION(UNIT:mm)



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

回流焊接图 (REFLOW SOLDERING PROFILE)

