



JKCR75\53 SERIES 石英晶体谐振器

技术指标项目 (Parameter)	CR75 系列	CR53 系列
频率范围 (Frequency Range)	8~40MHz	12~40MHz
振动模式 (Vibration Mode)	AT Cut / Fund, 3 rd , 5 th , 7 th Over Tune	
调整频差 (Frequency Tolerance @25℃±2℃)	±5~±20ppm ±10ppm typical 典型值	
温度稳定度 (Frequency Stability vs Operation Temperature)	见表一	
谐振电阻 (Resonance Resistance)	见表二	
静电容 (Shunt Capacitance C0)	5pF max	
负载电容 (Load Capacitance CL)	6pF~∞	
激励电平 (Drive Level)	2uW~500uW	
绝缘电阻 (Insulation Resistance)	500MΩ@DC100V	
老化 (Aging)	±1, ±2ppm/year	
封装形式 (Package)	CR75	CR53

表一：频率温度稳定度

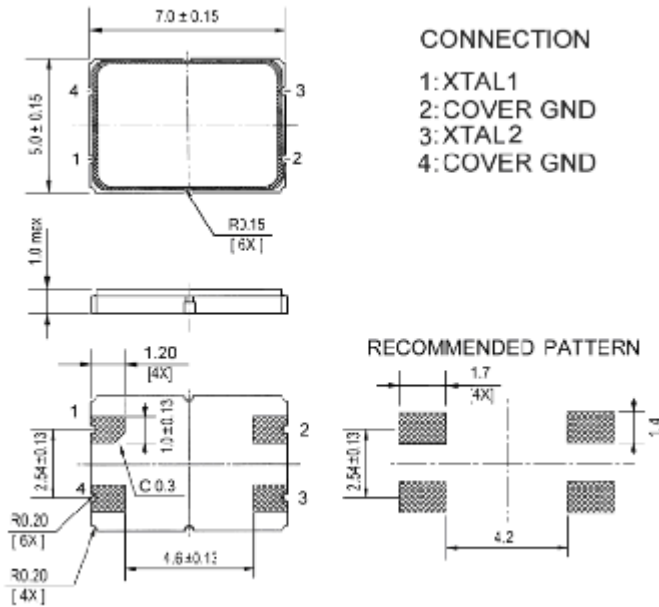
	±3ppm	±5ppm	±10ppm	±20ppm	±30ppm	±50ppm
0~50℃	√	√	√	√	√	√
-10~60℃	√	√	√	√	√	√
-20~70℃		√	√	√	√	√
-30~80℃			√	√	√	√
-40~85℃				√	√	√

表二：谐振电阻

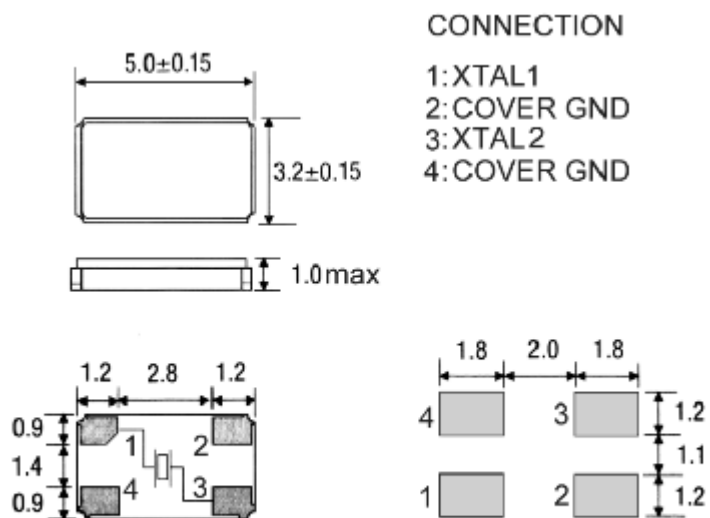
频率	振动模式	CR75 CR53
8~10MHz	ATCut/Fund	50Ωmax
10~15MHz	AT Cut/Fund	40Ωmax
15~40MHz	AT Cut/Fund	30Ωmax

外形尺寸:

Package CR75 Unit:mm



Package CR53 Unit:mm



Chamfered Pad is Pad No.1

Recommended Pattern