

电性能技术指标
SPECIFICATIONS

JKCR49S SERIES 石英晶体谐振器

技术指标项目 (Parameter)	49S 系列
频率范围 (Frequency Range)	4~80MHz (AT-Cut)
振动模式 (Vibration Mode)	AT-Cut / Fund, 3 rd Over Tune
调整频差 (Frequency Tolerance @25℃±2℃)	±10~±100ppm
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)	7pF max
负载电容 (Load Capacitance CL)	8pF~∞
激励电平 (Drive Level)	100uW~1000uW 500uW 典型值
绝缘电阻 (Insulation Resistance)	500MΩ@DC100V
老化 (Aging)	±3ppm/year
封装形式 (Package)	49S1 49S2

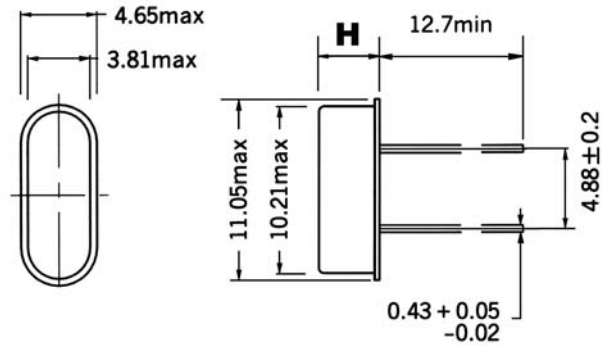
表一：频率温度稳定度

	±10ppm	±20ppm	±30ppm	±50ppm	±100ppm
0~50℃	√	√	√	√	√
-10~60℃	√	√	√	√	√
-20~70℃	-	√	√	√	√
-30~80℃	-	-	-	√	√
-40~85℃	-	-	-	√	√

表二：谐振电阻

频率	振动模式	49S
3.5~4.0MHz	AT-Fund.	150Ω
4.1~5.0MHz	AT-Fund.	120Ω
5.1~10.0MHz	AT-Fund.	80Ω
10~30MHz	AT-Fund.	50Ω
24~48MHz	AT -Fund.	50Ω
27~50MHz	AT-3 rd O.T.	100Ω
50~80MHz	AT-3 rd O.T.	80Ω

外形尺寸:



Package	H
49S1	3.5max
49S2	2.5max