

CRYSTAL UNIT

HC49S

Applications Features

- SmartWearable IOT Communication.
- Dimensions: 12.6 x 4.80 x 4.00 mm .
- Standard Frequency: 3~70 MHz
- High precision and high frequency stability
- Extremely good for reducing EMI effect .



规格 Specifications

频率范围 Standard Frequency	3~70 MHz
振动模式 Vibration Mode	AT Fundamental
负载电容 Load Capacitance	6pF ~ 34pF
频率差值 Frequency Tolerance (at 25℃)	± 5ppm ~ ±30ppm
温度频差 Frequency Stability	±10ppm, ±30ppm
工作温度 Operating Temperature	-40~+85℃ , -40~+125℃
储存温度 Storage Temperature	-55~+125℃
静态电容 Shunt Capacitance	7 pF Max.
激励电平 Level of Drive	1~100μWMax.(100uW typical)
年老化率 Aging (at 25 ℃)	±5ppm/year Max.

等效电阻 Equivalent Series Resistance(ESR)

Fundamental	
3 ~ 5.999 MHz	100 Ω Max.
6 ~ 48 MHz	40 Ω Max.
48 ~ 70 MHz	60 Ω Max.

外形尺寸 Dimensions and Patterns [unit:mm]

Package Size – Dimensions (Unit: mm)

型号	H	型号	H	型号	H	型号	H
49S/SMD	3.8±0.3	49SS/SMD-3.0	3.0	49S/SMD-3P	3.8±0.3	49SS/SMD-3.0-3P	3.0