

Crystal Unit

HC-49XSMD



Applications

- Industrial Control Consumers .

Features

- Dimensions: 6.10 x 4.00 x 2.0mm.
- Standard Frequency: 8~50MHz

- Surface mount type crystal units.
- A great number of standard frequencies.



Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency Range (额定频率范围)	f_nom	8~50MHz
Vibration Mode (震动模式)	-	AT Fundamental
Load Capacitance (负载电容)	CL	12pF, 20pF, or specify
Frequency Tolerance (频率偏差) (at 25°C)	f_tol	±10ppm, ±20ppm, or specify
Frequency Versus Temperature Characteristics (频率-温度特性)	f_tem	±20ppm, or specify
Operating Temperature (工作温度)	T_use	-20~+70°C, -40~+85°C, or specify
Storage Temperature (储存温度)	T_stg	-40~+85°C
Shunt Capacitance (静态电容)	C0	5pF Max.
Level of Drive (激励电平)	DL	1~500μW Max.(100uW typical)
Aging (老化) (at 25°C)	f_age	±3ppm/year Max.

Equivalent Series Resistance (等效串联电阻(ESR))

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8 ~ 11.999MHz	80 Ω Max.	16 ~ 19.000MHz	50 Ω Max.
12 ~ 15.999MHz	60 Ω Max.	20 ~ 50.00MHz	40 Ω Max.

Dimensions and Recommended land pattern (外观尺寸及推荐焊盘)

Dimensions (Unit: mm)	Recommended land pattern(Unit: mm)
<p>Side View</p> <p>Bottom View</p>	