

Outline 概要


HC-49S

HC-49S type crystal units isdesigned within rectangle AT-cut blanks. Due to the high is only one-third of HC-49U crystal,so it is for small mounting and low space. HC-49S 系列產品內部采用精心設計加工的 AT 切水晶條片，高度只有 HC-49U 的三分之一，適用於狹小及薄厚度空間。

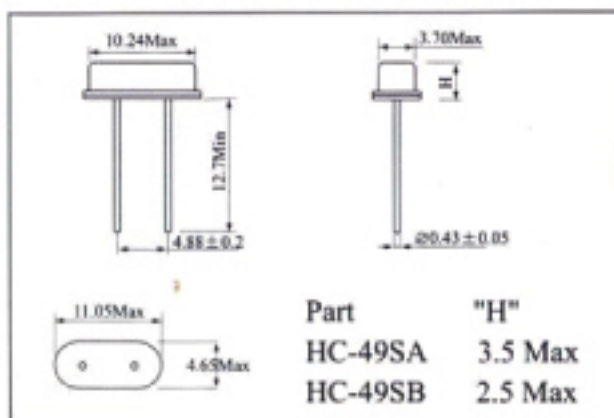
Electrical Specification 一般規格


HC-49S SMD

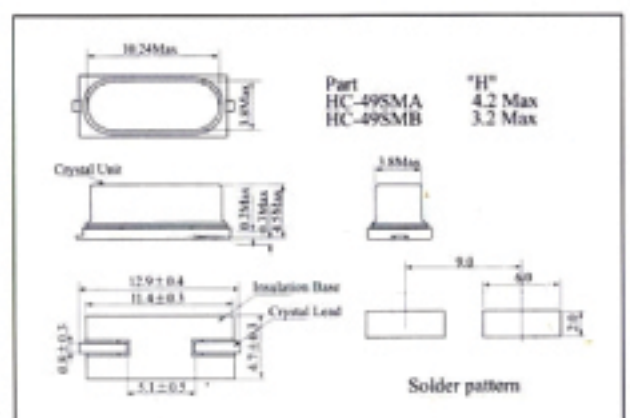
Frequency Range	頻率範圍	3.072MHz to 70MHz
Frequency Tolerance(at 25℃)	調整頻差	±50ppm(±30ppm,±20ppm)
Frequency Stability	溫度頻差	±50ppm(±30ppm,±20ppm)
Operating Temperature Range	工作溫度	-10℃ to 60℃
Aging	年老化率	≤±5ppm(Max.)
Storage Temperature Range	貯存溫度	-30℃ to 80℃
Shunt Capacitance	靜電容	7pF(Max.)
Insulation Resistance	絕緣電阻	500MΩ DC/100V±15V
Drive Level	激勵電平	100 μ W to 1000 μ W
Load Capacitance	負載電容	Series Resonance or 12~50pF

Equivalent Series Resistance (ESR) 等效電阻

Frequency Range 頻率範圍	ESR(Ω)max 等效電阻	Mode 振動模式	Frequency Range 頻率範圍	ESR(Ω)max 等效電阻	Mode 振動模式
3.702~3.5MHz	300	Fond	8.0~10MHz	60	Fond
3.5~3.8MHz	450	Fond	10~12MHz	50	Fond
3.8~4.1MHz	350	Fond	12~28MHz	40	Fond
4.1~5.0MHz	150	Fond	28~33MHz	30	Fond
5.0~6.0MHz	90	Fond	26~40MHz	100	3 rd Overtone
6.0~8.0MHz	60	Fond	40~70MHz	80	3 rd Overtone

Dimension (mm) 外觀尺寸


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