

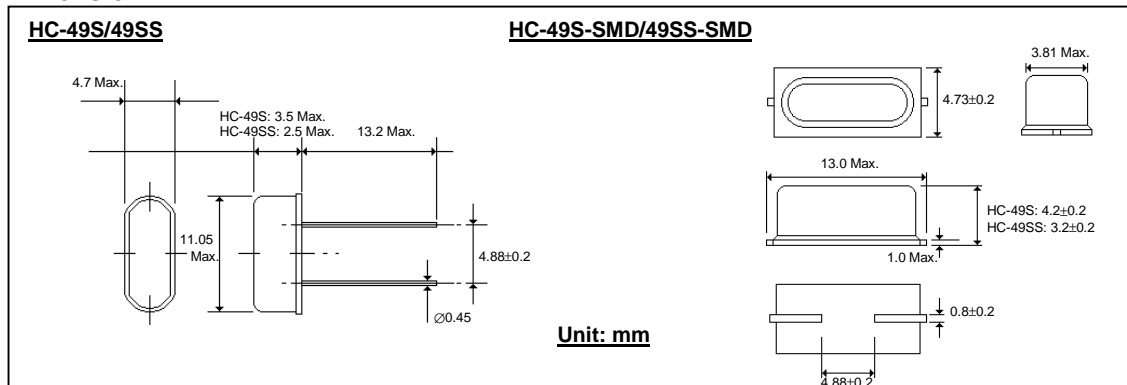


Quartz Crystal Unit

Product Name	Part Number	Package Type	Minimum Quantity* (Pieces)	
			Bulk	Tape
HC-49S	C4HS	Lead Type	500	1,500
HC-49SS	C4HH	Lead Type	500	1,500
HC-49S-SMD	C4SS	SMD Type	500	1,500
HC-49SS-SMD	C4S2	SMD Type	500	1,500

* The quantity of each delivery / order must be an integral multiple of the "Minimum Quantity"

Dimension



Electrical Specifications

Item		HC-49S/49SS	HC-49S-SMD/49SS-SMD
Frequency Tolerance at 25°C		±10ppm to ±100ppm	±10ppm to ±100ppm
Frequency Stability from -20°C to +70°C		±10ppm to ±100ppm	±10ppm to ±100ppm
Resistance	Fundamental	3.500~3.999MHz	150Ω
		4.000~4.999MHz	120Ω
		5.000~5.999MHz	100Ω
		6.000~6.999MHz	90Ω
		7.000~8.999MHz	80Ω
		9.000~9.999MHz	60Ω
		10.000~12.999MHz	60Ω
		13.000~24.999MHz	50Ω
		25.000~29.999MHz	N/A
	30.000~34.999MHz	N/A	
3 rd Overtone	27.000~39.999MHz	90Ω	
	40.000~59.999MHz	90Ω	
Load Capacitance (CL)		10~50pF or Series	12~50pF or Series
Shunt Capacitance (Co)		7pF Max.	
Drive Level		0.1mW~1.0mW	
Insulation Resistance		≥500MΩ (DC100V±15V)	
Leaking Rate		≤1×10 ⁻⁸ mbar L/Sec.	
Aging		±5ppm/Year	

- Other frequencies and specifications are also available upon request, please consult with our sales representatives.