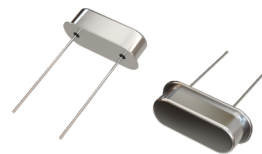


Resistance Welded HC-49SS

11.05×4.7×2.0/2.5/3.0 mm

Feature

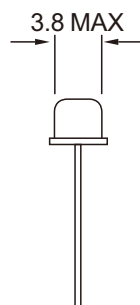
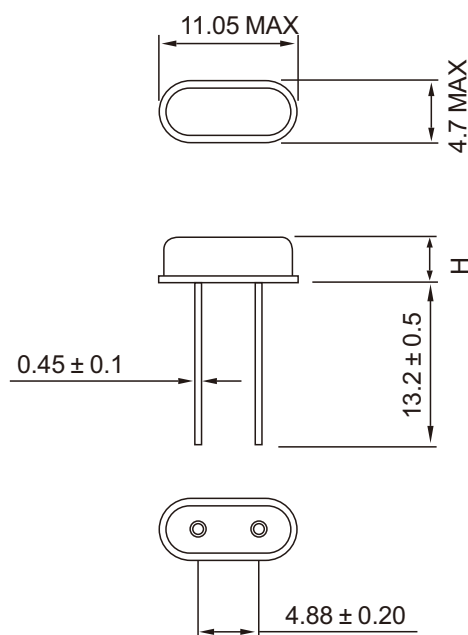
- Resistance welded type crystal units, Height: 3.0/2.5/2.0mm
- Higher frequency available and lower equivalent series resistance
- Lower cost and highly mass production capability
- RoHS Compliant / Pb Free



Electrical Specifications

Item	Specifications					
Frequency Range(MHz)	4~6	6~8	8~16	16~54	30~50	50~100
Mode	AT/Fundamental				AT/3RD	AT/3RD
Load Capacitance (CL)	8pF, 10pF, 12pF or Specify					
Frequency Tolerance(at 25°C)	±10ppm ~ ±30ppm or specify					
Operating Temperature Range	-20~+70°C or Specify					
Frequency Stability Over Operating Temperature Range	±10ppm ~ ±30ppm or specify					
Equivalent Series Resistance (ESR) max.	150Ω	60Ω	50Ω	30Ω	80Ω	60Ω
Storage Temperature Range	-55~+125°C					
Shunt Capacitance(C ₀)	7.0 pF Max					
Drive Level (Typical)	1 μW~100 μW (10μW typical)					
Aging @25 °C 1st Year (Max)	±3 ppm/year or ±5 ppm/year					

Dimension(mm)



Type	H(mm)
H1	3.0 Max
H2	2.5 Max
H3	2.0 Max