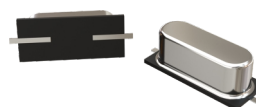


# Resistance Welded HC-49SMD

## 12.7×4.8×3.8 mm

### Feature

- Surface mount type crystal units.
- A great number of standard frequencies.
- 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)	3.2~6	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 <sub>0</sub> )	7.0 pF Max					
Drive Level (Typical)	1 μW~500 μW (100μW typical)					
Aging @25 °C 1st Year (Max)	±3 ppm/year or ±5 ppm/year					

### Dimension(mm)

