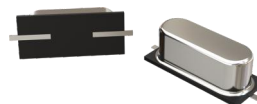


# Resistance Welded HC-49SMD

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)                                 | 25.000MHz                    |
| Mode                                                 | AT/Fundamental AT/3RD AT/3RD |
| Load Capacitance (CL)                                | 20pF                         |
| Frequency Tolerance( at 25°C )                       | ±20ppm                       |
| Operating Temperature Range                          | -20~+70°C                    |
| Frequency Stability Over Operating Temperature Range | ±30ppm                       |
| Equivalent Series Resistance (ESR) max.              | 30Ω                          |
| 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)

