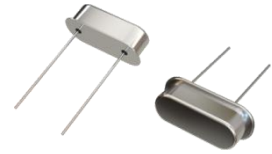


Resistance Welded HC-49S

11.05×4.7×3.68 mm

Feature

- Resistance welded 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)	12
Mode	AT/Fundamental
Load Capacitance (CL)	20pF
Frequency Tolerance(at 25°C)	±30ppm
Operating Temperature Range	-20~+70°C
Frequency Stability Over Operating Temperature Range	±30ppm
Equivalent Series Resistance (ESR) max.	50Ω
Storage Temperature Range	-40~+85°C
Shunt Capacitance(C ₀)	7.0 pF Max
Drive Level (Typical)	100 μW (10μW typical)
Aging @25 °C 1st Year (Max)	±5ppm/year

Dimension(mm)

