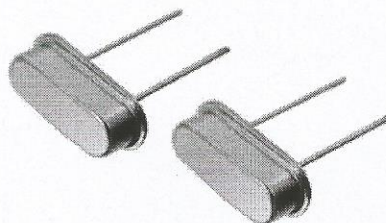


FEATURE

- Standard height 3.5mm, the part is compact at about one-fourth of the HC-49/U package
- A resistance weld completely sealed type
- Good stability and high reliability
- Copes with high density mounting and is the optimum for mass production

**ELECTRICAL SPECIFICATIONS**

Nominal frequency	11.0592MHz
Oscillation mode	See below table
Operating temperature range	-40°C--+85°C
Storage temperature range	-40°C--+125°C
Frequency tolerance	±30PPM
Freq. Temp characteristics	±30PPM
Load capacitance	20pF
Equivalent series resistance	See below table
Parallel capacitance(Co)	7PF Max
Drive level	100 μW Typical
Insulation resistance	More than 500MΩ AT DC100V

EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

Frequency Range	E.S.R (Ω)	Mode	Frequency Range	E.S.R (Ω)	Mode
3.000MHz~5.999MHz	150Max	Fundamental/AT	24.000MHz~40.320MHz	30Max	Fundamental/ BT
6.000MHz~7.999MHz	60Max	Fundamental/AT	24.000MHz~29.999MHz	100Max	Third Overtone /AT
8.000MHz~15.999MHz	50Max	Fundamental/AT	30.000MHz~49.999MHz	80Max	Third Overtone /AT
16.000MHz~30.000MHz	30Max	Fundamental/AT	50.000MHz~100.000MHz	60Max	Third Overtone /AT

Dimension

HC-49S

