

## Resistance Welded HC-49/S Low Profile Package

## **■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



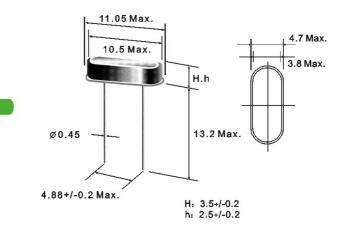
## **■ELECTRICAL SPECIFICATIONS**

Item	Specifications	
Frequency Range	3.579545 to 100.000MHz	
Load Capacitance(CL)	Series,16pF, 18pF, 20pF, 30pF, or specify	
Frequency Tolerance	$\pm$ 30ppm at 25 $\pm$ 2°C(standard) or specify	
Operating Temperature Range	-10℃+60℃ (standard), -20℃+70℃, -40℃+85℃,or Specify	
Frequency Stability Over Operating Temperature range	±30ppm(Typical), or specify	
Storage Temperature Range	-40℃+ 85℃	
Shunt Capacitance (C₀)	7PF Max	
Drive Level	100 μ W Typical	
Insulation resistance	500 Ω AT DC100VDC	
Aging(at 25° C)	±5ppm/year maximum	

\*Please consult our sales representative for other specifications.

## ■ EQUIVALENT SERIES RESISTANCE(ESR) AND OSCILLATION MODE

Frequency Range	ESR(Ω)	Mode	Frequency Range	ESR(Ω)	Mode
3.579545MHz~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(mm)