

## Series 6B, Resistance Welded HC-49/S Package

### FEATURE

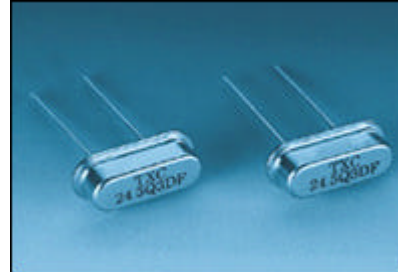
Height 3.68mm, the volume is compact at about one-fourth of the former product (H\_C49/U) for surface mount

A resistance weld completely sealed type

The frequency stability is good, the reliability is high

Multiple standard frequencies

Copes with high density mounting and is the optimum for mass production



### ELECTRICAL SPECIFICATIONS

Frequency Range	3.200MHz to 70.000MHz
Frequency Tolerance (at 25 °C)	+/-30ppm (Standard), or specify
Frequency Stability Over Operating Temperature Range	+/-30ppm (Standard), or specify
Operating Temperature Range	-10 °C to +60 °C (Standard), -20 °C to +70 °C, -40 °C to +85 °C, or specify
Aging (at 25 °C)	+/-5ppm/year Maximum
Storage Temperature Range	-40 °C to 85 °C
Shunt Capacitance	7pF Maximum
Insulation Resistance	500 Megaohms Minimum at 100VDC
Drive Level	100µ Watts Minimum
Load Capacitance	Series, 16pF, 20pF, 30pF, 32pF, or specify

### EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION(MODE)

Frequency Range	E.S.R( Ω )	Mode
3.200MHz~5.999MHz	90 Max.	Fundamental/ AT
6.000MHz~7.999MHz	50 Max.	Fundamental/ AT
8.000MHz~15.999MHz	40 Max.	Fundamental/ AT
16.000MHz~30.000MHz	20 Max.	Fundamental/ AT

24.000MHz~40.320MHz	40 Max.	Fundamental/ BT
24.000MHz~29.999MHz	150 Max.	Third Overtone/ AT
30.000MHz~49.999MHz	100 Max.	Third Overtone/ AT
50.000MHz~70.000MHz	80 Max.	Third Overtone/ AT

## MARKING AND DIMENSIONS

