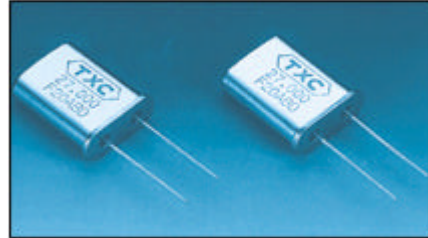


Series 6A, Resistance Welded HC-49/U Package

FEATURE

- Height 13.58mm
- A Resistance weld completely sealed type.
- The frequency stability is good, the reliability is high the optimum for mass production
- Copes with high density mounting and is the optimum for mass production



ELECTRICAL SPECIFICATIONS

Frequency Range	1.843MHz to 150.000MHz
Frequency Tolerance (at 25 °C)	+/-30ppm (Standard), or specify
Frequency Stability Over Operating Temperature Range	+/-30ppm (Standard), or specify
Operating Temperature Range	-20 °C to +70 °C (Standard), -10 °C to +60 °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
1.843MHz~1.999MHz	700 Max.	Fundamental/ AT
2.000MHz~2.399MHz	500 Max.	Fundamental/ AT
2.400MHz~2.999MHz	300 Max.	Fundamental/ AT
3.000MHz~3.199MHz	250 Max.	Fundamental/ AT
3.200MHz~3.499MHz	200 Max.	Fundamental/ AT
3.500MHz~3.899MHz	150 Max.	Fundamental/ AT

3.900MHz~4.099MHz	100 Max.	Fundamental/ AT
4.100MHz~5.999MHz	80 Max.	Fundamental/ AT
6.000MHz~6.999MHz	50 Max.	Fundamental/ AT
7.000MHz~9.999MHz	40 Max.	Fundamental/ AT
10.000MHz~12.999MHz	30 Max.	Fundamental/ AT
13.000MHz~30.000MHz	20 Max.	Fundamental/ AT
24.000MHz~29.999MHz	50 Max.	Third Overtone
30.000MHz~65.000MHz	40 Max.	Third Overtone
60.000MHz~150.000MHz	60 Max.	Third Overtone

MARKING AND DIMENSIONS

