



- HC-49U X-TAL Height=13.46mm / 11.3mm, Gullwing
  - Resonator with a high frequency stability
  - High precision and high reliability
  - Mode : Fundamental / 3rd / 5th
  - Custom Formed leads (jacket, Gullwing) option available
  - Available Tape and reeled.
- Applications : PC, Vision monitor.

## Standard Specification

Frequency Range	1.8432 MHZ to 125.000MHZ
Overtone	Fundamental / 3rd / 5th
Motional Resistance (ESR)	As per below table
Load Capacitance (CL)	Standard (12pF, 16pF), 8pF≤User Spec
Level of Drive (DL)	100μW(STD), 500μW max
Frequency Tolerance (25°C)	50ppm max, User Spec
Temperature Stability	50ppm max, User Spec
Operating Temperature Range	-40°C to +85°C, User Spec
Storage Temperature Range	-40°C to +85°C
Aging	± 5ppm / year max

## Motional resistance (ESR)

Frequency (MHZ)	Overtone	CI (Ω) MAX
1.8432 ~ 2.399	F	400
2.400 ~ 2.999	F	300
3.000 ~ 3.499	F	150
3.500 ~ 3.999	F	90
4.000 ~ 6.999	F	60

Frequency (MHZ)	Overtone	CI (Ω) MAX
7.000 ~ 15.999	F	40
16.000 ~ 30.000	F	25
30.000 ~ 75.000	3rd	40
75.000 ~ 125.000	5th	70

## Dimensions (mm)

