

HC-49U

CRYSTAL UNIT



■ HC-49U XTAL Height : 13.46mm

- Metal Thru-Hole package
- Fundamental, 3rd and 5th overtone crystal design
- Tight stability and Wide temperature range available
- Insulator, Metal Jacket & Gullwing available
- Applications : Consumer electronics, Industrial applications, Telecommunications

■ Standard Specification

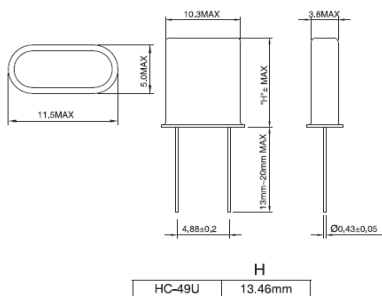
Frequency range	1.8432MHz to 125.000MHz	
Oscillation mode	Fundamental, 3rd & 5th overtone	
Load capacitance (CL)	6pF to 32pF or please specify	
Frequency tolerance (25°C)	±10ppm, ±20ppm, ±30ppm, ±50ppm	
Frequency Stability vs Temp range	Temp Stability	Operating temp
	±15ppm ±20ppm ±30ppm ±50ppm ±100ppm	-10 to +60°C -20 to +70°C -40 to +85°C -40 to 105°C -40 to 125°C
Storage temperature range	-55°C to +125°C	
Shunt Capacitance (C0)	7.0pF Max	
Level of drive (DL)	100µW Max (std) or please specify	
Aging (Initial first year)	± 3ppm Max	

■ Motional resistance (ESR)

Frequency (MHz)	Mode	Cl (Ω) max	Frequency (MHz)	Mode	Cl (Ω) max
$1.8432 \leq f < 3$	F	400	$7 \leq f < 16$	F	40
$3 \leq f < 3.499$	F	150	$16 \leq f < 30$	F	25
$3.5 \leq f < 4$	F	90	$30 \leq f < 75$	3rd	40
$4 \leq f < 7$	F	60	$75 \leq f < 125$	5th	70

*Please contact us for lower ESR

■ Dimensions (mm)



● HC-49U Gullwing

