

YIC Quartz Crystal Unit (49US/49SL/49SMT/49SLMT)

49US,49SL Series: HC-49US,HC-49SL Quartz Crystal

49SMT,49SLMT Series: HC-49SMD,HC-49SLMD Quartz Crystal

3.000 - 80.000MHz

● SPECIFICATION

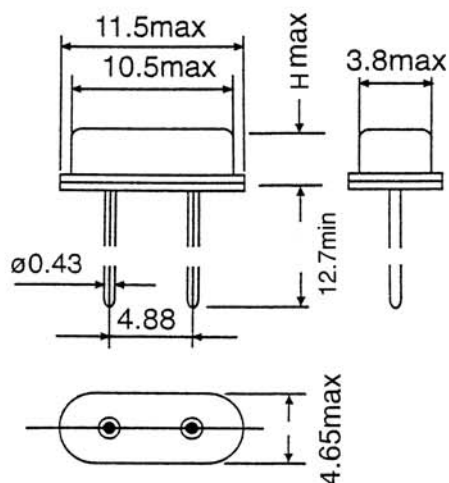
Frequency Range	3.000 - 80.000MHz
Vibration Mode	AT-Cut fundamental , third , fifth , seventh
Frequency Tolerance (25℃)	±10,±20,±30PPM
Operation Temperature	-20℃~+70℃ Typical
Shunt Capacitance	7pF max or Special
Load Capacitance	Series,16 , 20 , 22 , 30pF or Special
Drive Level	50,100,300,500,1000 μW
Insulation Resistance	500MΩ min/DC
Aging	±3,±5PPM/year

● EQUIVALENT SERIES RESISTANCE

Frequency (MHz)	ESR(Ω)max
Fundamental	
3.000 - 3.799MHz	180
3.800 - 4.999MHz	150
5.000 - 5.999MHz	120
6.000 - 7.999MHz	80
8.000 - 9.999MHz	80
10.000 - 11.999MHz	50
12.000 - 15.999MHz	50
16.000 - 19.999MHz	40
20.000 - 35.000MHz	40
3rd Overtone	
26.000 - 39.999MHz	100
40.000 - 80.000MHz	80

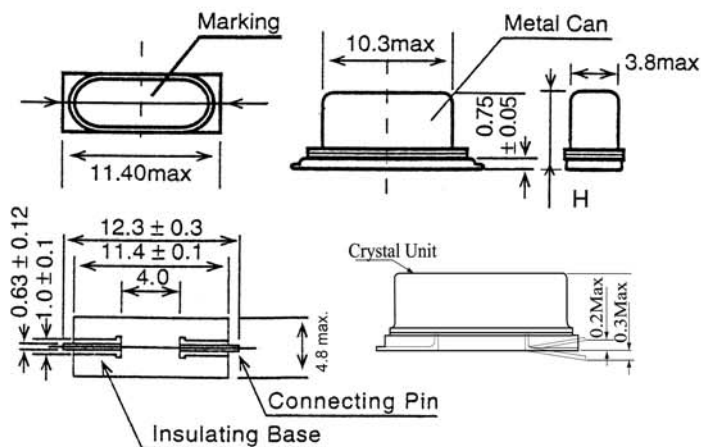
● DIMENSIONS (mm)

49US & 49SL Series



Series	H
49US	3.5max
49SL	2.5max

49SMT & 49SLMT Series



Series	H
49SMT	4.2max
49SLMT	3.2max