

YIC Quartz Crystal Unit (49U/49T,50U Series)

49U,49T,50U Series : HC-49U,HC-49T,HC-50U Quartz Crystal

1.800-200.000MHz

● SPECIFICATION

Frequency Range	1.800M~200.000M
Vibration Mode	AT-Cut fundamental , third , fifth , seventh
Frequency Tolerance (25°C)	±10PPM,±20PPM,±30PPM
Operation Temperature	-20°C~+70°C Typical
Shunt Capacitance	7pF max or Special
Load Capacitance	Series ,16 , 20 , 22 , 30pF or Special
Drive Level	50,100,300,500,1000μW
Insulation Resistance	500MΩ min/DC
Aging	±2PPM,3PPM,5PPM/year

● EQUIVALENT SERIES RESISTANCE

Frequency(MHz)	ESR(Ω) max
Fundamental	
2.000M~2.999M	300
3.000M~3.999M	90
4.000M~4.999M	90
5.000M~6.999M	50
7.000M~9.999M	40
10.000M~35.000M	25
3rd Overtone	
25.000M~90.000M	50
5rd Overtone	
75.000M~119.999M	80
120.000M~149.999M	100
7rd Overtone	
150.000M~200.000M	120

● DIMENSIONS (mm)

