

# Quartz Crystal Unit /HC-49U

## Features

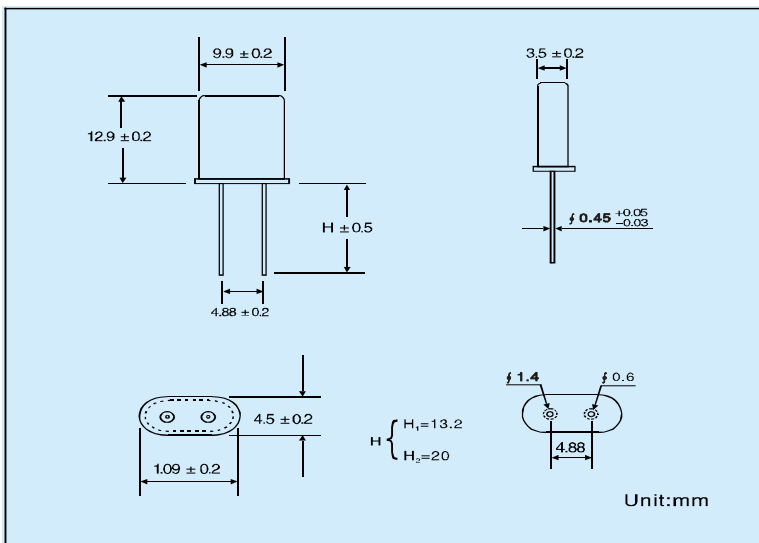
- JYEG Part number: JYU
- AT, BT available
- TAPE & Reel, insulator tab, 3rd lead
- Custom lead length options available
- Tight tolerance/stability



## TYPICAL SPECIFICATIONS

Type	HC-49U				
Frequency Range	1.8432~40M	20~40M	23~100M	100~150M	120~200M
Mode of Vibration	AT Fundamental	BT Fundamental	3rd Overtone	5th Overtone	7th Overtone
Resonance Resistance(Ω)	20~600	40Max	40~60	80Max	100Max
Frequency Tolerance at 25°C	± 5ppm~ ± 50ppm				
Shunt Capacitance	9pF Max				
Frequency Stability Over Temperature Range	See table				
Load Capacitance	6~50pF or Series				
Insulation Resistance	> 500MΩ/DC100V ± 15V				
Drive Level	0.01mW~1mW				
Aging	± 2ppm~ ± 5ppm				

## HC-49U(JYU)



## ▼ ESR Table

Frequency[MHz]	
Fundamental	ESR[Ω]
3.500~3.999	150
4.000~4.999	120
5.000~5.999	100
6.000~8.999	80
9.000~9.999	60
10.000~12.999	50
13.000~18.999	40
19.000~40.000	30
3rd overtone	ESR[Ω]
30.000~44.999	80
45.000~59.999	70
60.000~80.000	60