

# DIP Seam sealing Crystals 49S

## Features

- High Reliability & Low Cost
- Proven Resistance Welded Metal Package
- Tight Stability & Extended Temperature
- Wide Frequency Range from 3.2768MHz to 100MHz
- Applications: IoT, Consumer Electronics, HDTV, Communication s, Visual Applications, etc.



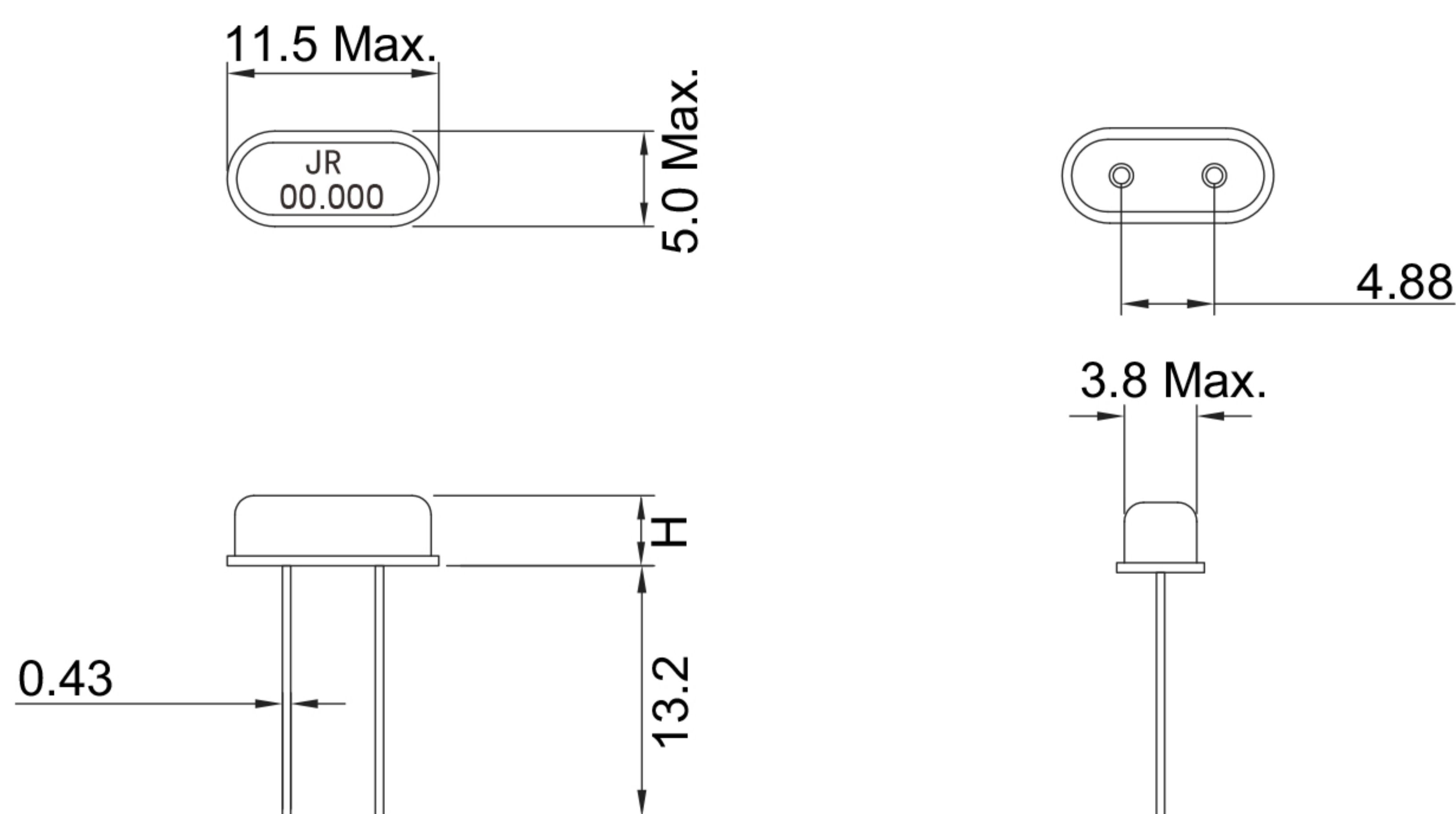
## Electrical Specifications

Item / Type	49S
Frequency Range	3.2768~100 MHz
Frequency Tolerance (at 25°C)	±10ppm, or specify
Frequency Stability Over Temperature	±10ppm, or specify
Operating Temperature Range	-40-85°C
Shunt Capacitance (C <sub>0</sub> )	7pF Max.
Drive Level	1~500μW (300μW Typ.)
Load Capacitance	16pF, 20pF, or specify
Aging (at 25°C)	±3ppm / year Max.
Storage Temperature Range	-55~+125°C
Packing Unit	200pcs.

## Equivalent Series Resistance(ESR)

Fundamental		3rd Overtone	
3~3.79MHz	200Ω Max.	27~30MHz	100Ω Max.
3.8~5.0MHz	150Ω Max.	30~50MHz	80Ω Max.
5~10MHz	80Ω Max.	50~100MHz	60Ω Max.
10~14MHz	40Ω Max.		
14~36MHz	30Ω Max.		

## Dimensions



TYPE	H
S	3.5
SS	2.5

Tolerance: ±0.2

Units:mm