



### Features

- Resistance welded type crystal units;
- A great number of standard frequencies;
- Higher frequency pullability and lower equivalent series resistance;
- Lower cost and highly mass production capability;
- The best choice of TV, STB, LCDM and Cable Modem;
- RoHS Compliant / Pb Free;

### Crystals specifications

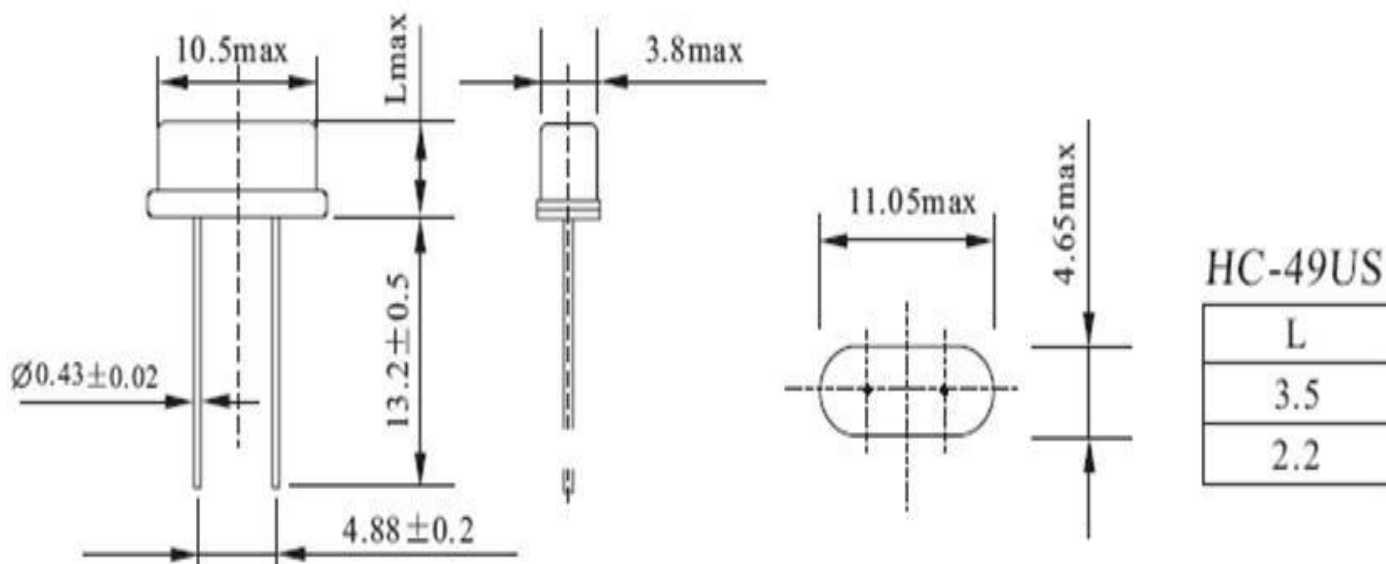
ITEMS (项目)	PARAMETER (规格说明)
Frequency Range	3.2 ~ 90 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	- 20 ~ +70 °C, or specify
Operating Temperature Range	7 pF Ma
Shunt Capacitance (C0)	1 ~ 500 μW (100 μW typical)
Drive Level	Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify
Load Capacitance	± 5 ppm / year Max.
Aging (at 25 °C)	- 40 ~ + 85 °C
Storage Temperature Range	200pcs/Reel
Packing Unit	3.2 ~ 90 MHz

### Equivalent Series Resistance(ESR)

#### Fundamental

3.2-3.686MHZ	200 Ω Max	27-30MHZ	100 Ω Max
3.686-5MHZ	150Ω Max	30-50MHZ	80Ω Max
5-10MHZ	80 Ω Max	50-90MHZ	60 Ω Max
10-14MHZ	40 Ω Max		
14-30MHZ	30Ω Max		

### Dimensions



## X-ON Electronics

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