JLYE 晶力源

# Crystal Units
# HC-49S DIP Series

## Features

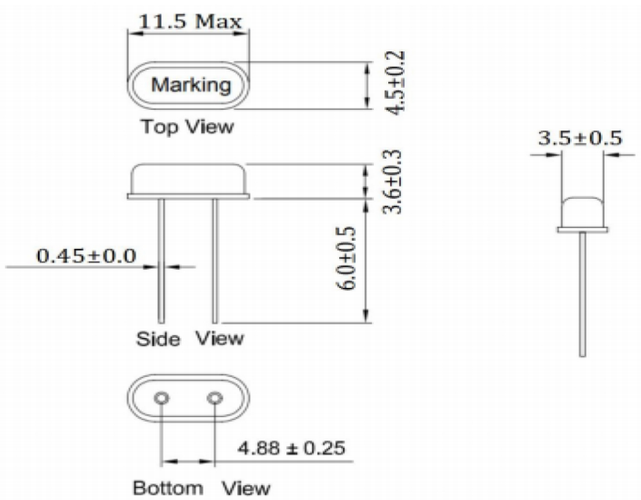
**Applications**
**Industrial**
**Consumer**
**Electronics**

Dimensions:11.5x4.5x3.6mm
Standard Frequency:3.2768～32MHz
Through Hole Type Crystal Units

## Electrical Specifications

| Item / Type | |
|---|---|
| Frequency Range 频率范围 | 3.2768~ 32.00MHz |
| Frequency Tolerance (at 25 ℃) 调频偏差 | ± 10 ppm ± 20 ppm, or specify |
| Frequency Stability 频率温度特性 | ± 10 ppm ± 20 ppm, or specify |
| Operating Temperature Range 工作温度 | -20 ~ +70℃ -40 ~ +85℃, or specify |
| Shunt Capacitance (C0) 静态电容 | 7pF Max. |
| Drive Level 激励功率 | 10 μW~200μW ( Max 100 μW ) |
| Load Capacitance 负载电容 | 6pF 8pF 9pF 10pF 12pF 20pF, or specify |
| Aging (at 25 ℃) 年老化率 | ± 3 ppm year Max. |
| Storage Temperature Range 存储温度 | - 4 0 ~ + 85 ℃ |

## Equivalent Series Resistance(ESR)

| Fundamental | | | |
|---|---|---|---|
| 3.2768~4MHz | 120 Ω Max. | 6~17MHz | 60 Ω Max. |
| 17~32 MHz | 40 Ω Max. | | |

## Dimensions