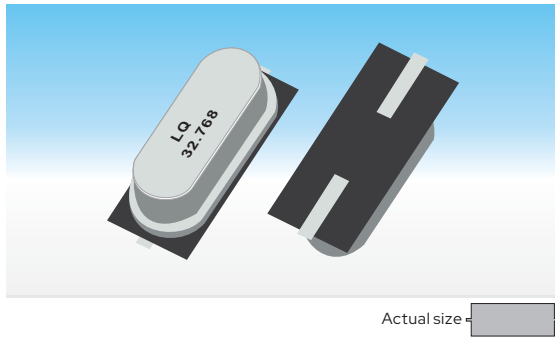


Quartz Crystal Units

6C Series HC-49SSMD Crystal Units

3MHz~100 MHz

Size:11.0×4.8×4.0 /3.0 mm



Features

- Surface mounting type crystal units
- Wide frequency range from 3MHz up to 100MHz
- Highly mass production capability
- High frequency pullability equivalent series resistance
- Application for PC, Peripherals, STB, LCDM, Automotive, Security, UPS, New Energy, IoT, etc.
- RoHS Compliant / Pb Free



Standard Specifications

| Item | Type | 6C Series HC-49SSMD Crystal Units |
|--|------|--|
| Frequency Range | | 3~100MHz |
| Load Capacitance | | 16pF, 20pF, 30pF, or specify |
| Drive Level | | 100μW typical |
| Frequency Tolerance | | ±10ppm, ±20ppm, ±30ppm, or specify (at 25°C) |
| Frequency Characteristics Over Temperature | | ±10ppm, ±20ppm, ±30ppm, or specify |
| Operatring Temperature Range | | -20~+70°C, -40~+85°C, or specify |
| Storage Temperature Range | | -55~+125°C |

Equivalent Series Resistance (ESR)

| Fundamental | | 3rd Overtone | |
|--------------|-----------|--------------|-----------|
| 3.0~3.686MHz | 200Ω max. | 27~30MHz | 100Ω max. |
| 3.686~5MHz | 150Ω max. | 30~50MHz | 80Ω max. |
| 5~10MHz | 80Ω max. | 50~100MHz | 60Ω max. |
| 10~14MHz | 40Ω max. | | |
| 14~30MHz | 30Ω max. | | |

[mm]

Dimensions

