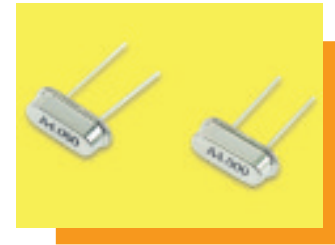


Features

- ★ Low profile
- ★ Bulk, tape and reel
- ★ Offer fitted insulator
- ★ Large range of choice of frequency
- ★ Resistance weld

Applications

- ★ Motherboard of computer
- ★ Consumer electronics
- ★ CD ROM
- ★ VTR
- ★ Data communication
- ★ Automotive electronics
- ★ Modem
- ★ TV game



Dimension (Unit: mm)

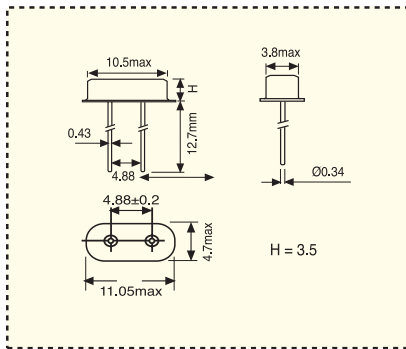


Table 1

| Frequency Range (MHz) | Vibration Mode | ESR Max (Ω) |
|-----------------------|----------------|-------------|
| 3.2 ~ 3.4 | Fund. | 180 |
| 3.5 ~ 4.49 | Fund. | 150 |
| 4.5 ~ 5.99 | Fund. | 120 |
| 6.0 ~ 7.99 | Fund. | 100 |
| 8.0 ~ 9.99 | Fund. | 80 |
| 10.0 ~ 11.9 | Fund. | 70 |
| 12.0 ~ 15.9 | Fund. | 60 |
| 16.0 ~ 19.9 | Fund. | 50 |
| 20.0 ~ 26.0 | Fund. | 40 |
| 26.0 ~ 39.9 | 3rd O/T | 100 |
| 40.0 ~ 100.0 | 3rd O/T | 80 |

Specifications (Characteristics)

| Item | Symbol | Specification |
|--|--------|---|
| Frequency Range | f | 3.20 ~ 100MHz |
| Vibration Mode | - | Fund (3.20 ~ 26MHz) 3rd O/T (26 ~ 100MHz) |
| Frequency Tolerance at 25°C | Δf/f | ±10 ppm ±20 ppm ±30 ppm ★ ±50 ppm |
| Frequency Stability in Operating Temp. Range | Δf/f | ±5 ppm ±10 ppm ±20 ppm ±30 ppm ★ |
| Load Capacitance | CL | 16 ~ 32pF or series |
| Operating Temp. Range | Topr | -10°C ~ +60°C ★ -20°C ~ +70°C |
| Storage Temp. Range | Tstg | -40°C ~ +85°C |
| Equivalent Series Resonance (ESR) | Rs | See Table 1 |
| Drive Level | PWR | 100μW Max. |
| Shunt Capacitance | C0 | 7.0pF Max. |
| Aging | fa | ±5 ppm /Year (Max) |
| Packing | | Bulk 100pcs per polybags, 500pcs per inner box, 10,000pcs per export carton Tape and Reel Packages 1,000pcs per reel 10,000pcs per export carton |

★ Commonly used

Part Number and Ordering

| Part Number Code | Holder Type + Frequency + Mode of Vibration + Tolerance/Stability + RS + CL |
|------------------|---|
| Ordering Code | Same as Above |
| Example | 49S4H-27M-AF-30/30-40Ω-32P |