

Crystals

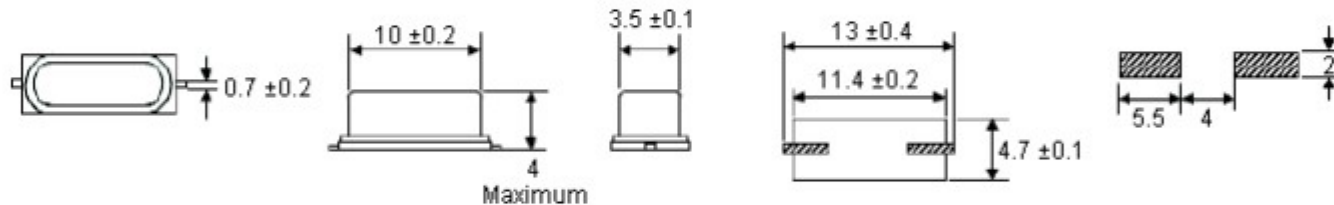
HC-49SM



Features and Applications:

Designed for applications where board height is critical

- General, industrial, microcontrollers
- Cost effective
- Surface mount
- Low profile (4 mm height)
- Superior resistance weld HC49SM metal case
- Supplied taped and reeled



Dimensions : Millimetres

Specification Table

Nominal Frequency Range	3.5 to 32 MHz	24 to 70 MHz
Vibration Mode	Fundamental (AT)	3rd Overtone (AT)
Frequency Tolerance at 25°C	±20, ±30 or ±50 ppm (Options : ±10, ±15 ppm)	
Temperature Stability	±30 or ± 50 ppm	
Operating Temperature Range	-10°C to +60°C or -20°C to +70°C	
Storage Temperature Range	-20°C to +70°C or -30°C to +80°C	
Load Capacitance	8 pF to 20 pF	
Shunt Capacitance	5 pF maximum (≤18 MHz) or 7 pF maximum (>18 MHz)	
Drive Level	200 μW maximum (≤5 MHz) 100 μW maximum (>5 MHz)	
Insulation Resistance	500 MΩ minimum at 100 V dc	