

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Description

Industry standard SMD crystal
Resistance welded, hermetically sealed in an inert atmosphere,
glass to metal seals on leads
Lead wires are mounted onto a plastic former to create a gull
wing mount

■ Model HC49/4HSMX

Model Issue number17

Frequency Parameters

Frequency
 Frequency Tolerance
 Tolerance Condition
 Frequency Stability
 Operating Temperature Range
 Overtone Order
 12.0MHz
 ±30.00ppm
 ±50.00ppm
 -40.00 to 85.00°C
 Fundamental

■ Ageing ±5ppm typ per year @ 25°C

Electrical Parameters

Load Capacitance (CL)
 Shunt Capacitance (C0)
 Drive Level
 ESR
 16.00pF
 7pF max
 500μW max
 40.00Ω max

Environmental Parameters

 Shock: 981m/s², 6ms, 3 times in each of 3 mutually perpendicular planes

 Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s², 30mins in 3 mutually perpendicular planes

Storage Temperature Range: -55 to 125°C

Compliance

RoHS Status (2011/65/EU)
 REACh Status
 MSL Rating (JDEC-STD-033):
 Compliant Not Applicable

Packaging Details

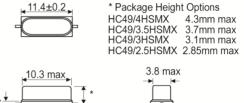
Pack Style: Reel Tape & reel in accordance with EIA-481-D

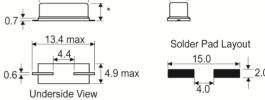
Pack Size: 1,000

Alternative packing option available

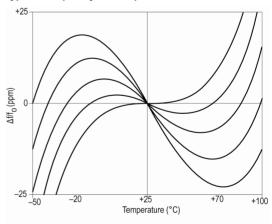


Outline (mm)





Typical Frequency vs Temperature Curves



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