



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 number	17

Frequency Parameters

Frequency	3.68640MHz
Frequency Tolerance @ 25°C	±30.00ppm
Frequency Stability	±50.00ppm
Operating Temperature Range	-10.00 to 60.00°C
Overtone Order	Fundamental
Ageing	±5ppm typ per year

Electrical Parameters

Load Capacitance (CL)	16.00pF
Shunt Capacitance (Co)	7pF max
Drive Level	500µW max
ESR	300Ω 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	Compliant
REACH Status	Compliant

Packaging

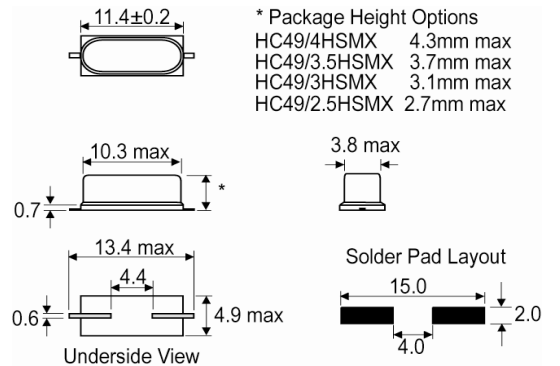
Pack Type: Bulk	Loose in bulk pack
Pack Size	100

Alternative packing option available

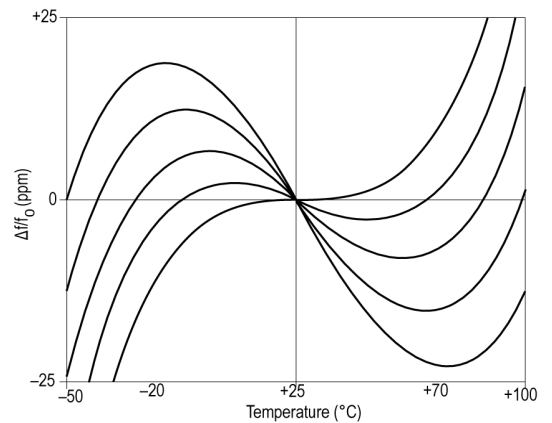
This document is correct at the time of printing; please contact your local office for the latest version.



Outline (mm)



Typical Frequency vs Temperature Curves



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