



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 16.0MHz
- Frequency Tolerance @ 25°C ± 30.00 ppm
- Frequency Stability ± 30.00 ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ± 5 ppm typ per year @ 25°C

Electrical Parameters

- Load Capacitance (C_L) 18.00pF
- Shunt Capacitance (C_0) 7pF max
- Drive Level 500 μ W max
- ESR 40 Ω 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

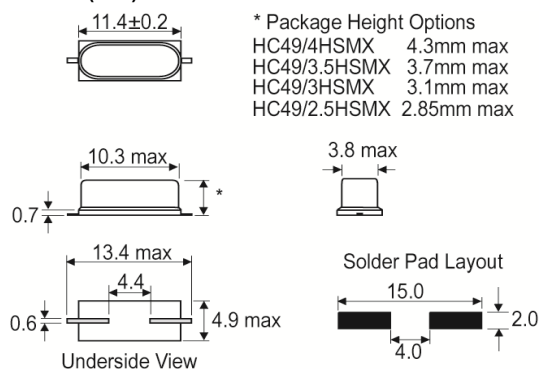
- RoHS Status Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

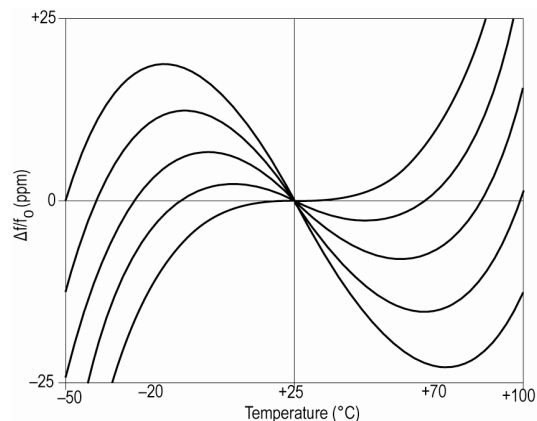
- Pack Type: Reel Tape & reel in accordance with EIA-481-D
 - Pack Size 1,000
 - Alternative packing option available
- This document is correct at the time of printing; please contact your local office for the latest version.*



Outline (mm)



Typical Frequency vs Temperature Curves



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