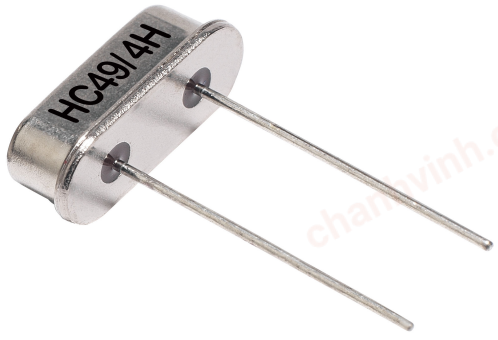
chanhvinh.com

Quartz Crystal Specification

IQD Part No. + Packaging: LFXTAL003102Bulk
Wurth Part No. ***830003102B***

Description

- Industry standard leaded package
  Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads
- Model HC49/4H
- Model Issue number 15



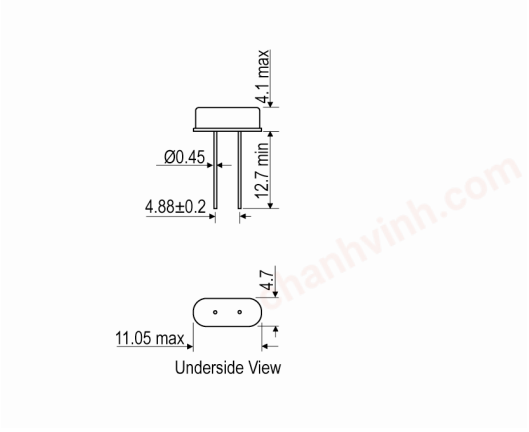
Frequency Parameters

- Frequency 4.433619MHz
- Frequency Tolerance ±30.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±50.00ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing ±5ppm typical per year at 25°C

Electrical Parameters

- Load Capacitance (CL) 20.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 500µW max
- ESR 130.00Ω max

Outline (mm)



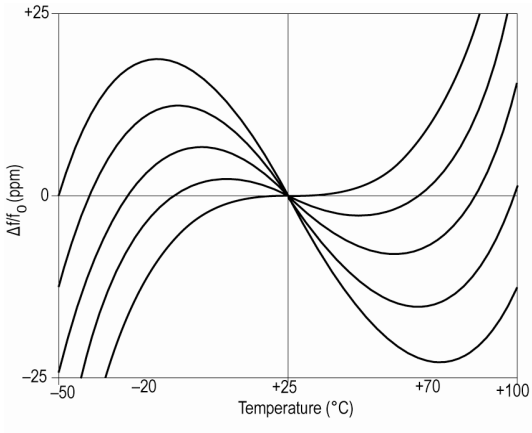
Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- 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

Manufacturing Details

- RoHS Terminations SnAgCu or Sn
- RoHS Reflow Temp 260degC 10s

Typical Frequency vs Temperature Curves



Compliance

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

Packaging Details

- Pack Style: Bulk Loose in Bulk pack
  Pack Size: 100
- *Alternative packing option available*

USEFUL LINKS

Toolbox:
www.we-online.com/toolbox

Product Catalog:
www.we-online.com/products

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