



Quartz Crystal Specification

IQD Part No. + Packaging: LFX TAL014948Bulk

Würth Part No. **830014948B**



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 27.120MHz
- Frequency Tolerance ± 30.00 ppm
- Tolerance Condition @ 25°C
- Frequency Stability ± 50.00 ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order 3RD
- Ageing ± 5 ppm typical per year at 25°C

Electrical Parameters

- Load Capacitance (CL) Series Resonant
- Shunt Capacitance (C0) 7pF max
- Drive Level 500µW max
- ESR 100.00Ω max

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

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

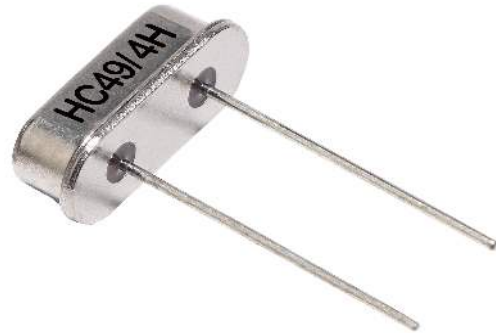
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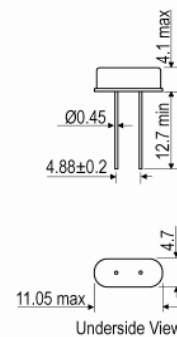
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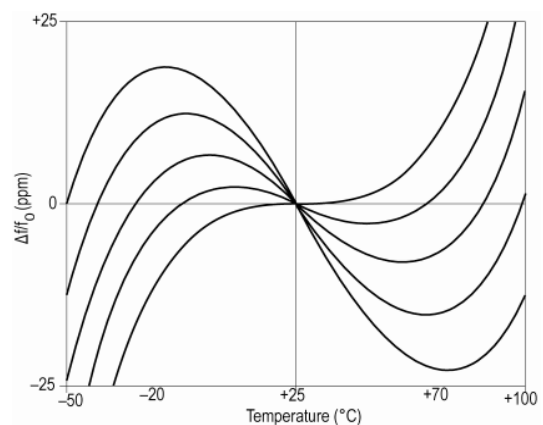
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Outline (mm)



Typical Frequency vs Temperature Curves



CONTACT INFORMATION:

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