



Description

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

Frequency Parameters

- Frequency 16.00MHz
- Frequency Tolerance @ 25°C $\pm 30.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ typical per year at 25°C
- Ageing: $\pm 1\text{ppm}$ available on request

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

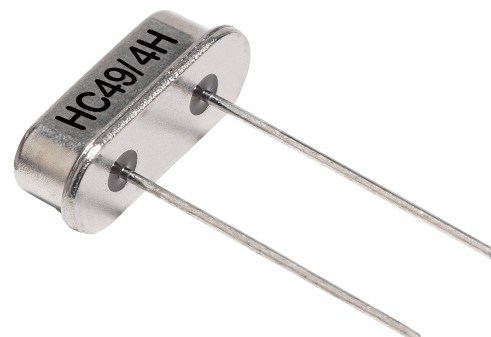
Compliance

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

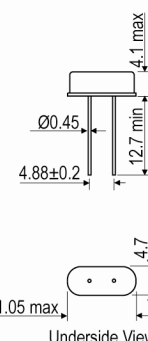
Packaging

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

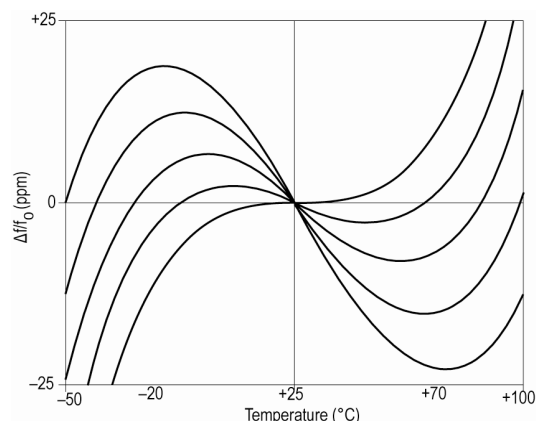
This document is correct at the time of printing; please contact your local office for the latest version.



Outline (mm)



Typical Frequency vs Temperature Curves



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