

**Description**

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

Frequency Parameters

- Frequency 6.0MHz
- Frequency Tolerance @ 25°C $\pm 20.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing $\pm 3\text{ppm}$ typical per year

Electrical Parameters

- Load Capacitance (C_L) 30.00pF
- Shunt Capacitance (C_0) 7pF max
- Drive Level 1mW max
- ESR 100 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

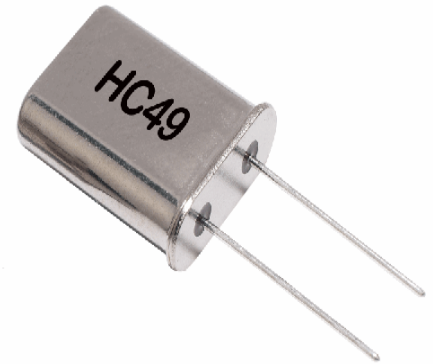
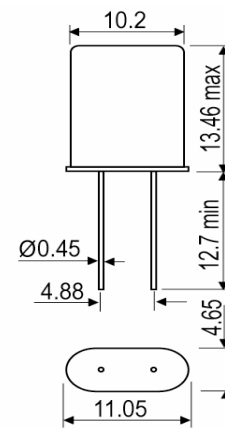
Compliance

- RoHS Status Compliant
- REACH Status Compliant

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.

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