

**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 18.4320MHz
- 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

Electrical Parameters

- Load Capacitance (C_L) 30.00pF
- 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

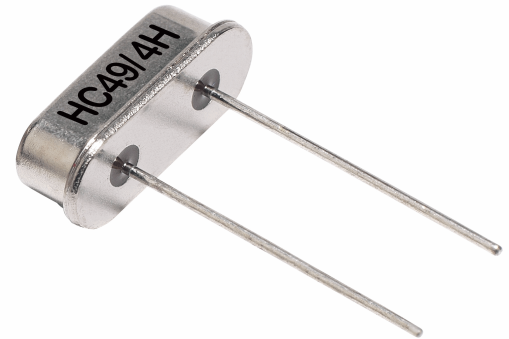
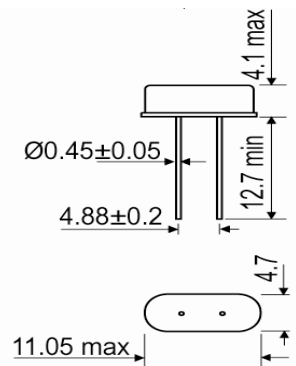
- RoHS Status Compliant
- REACH Status Compliant

Packaging

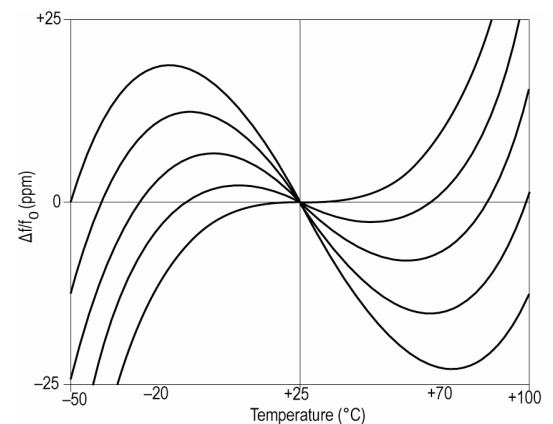
- Pack Type: Bulk Loose in Bulk pack
- Pack Size 100

- Alternative packing option available

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

**Outline (mm)**

Underside View

Typical Frequency vs Temperature Curves**Sales Office Contact Details:**

UK: +44 (0)1460 270200

Germany: +49 (0)7264 9145-0

France: +33 (0)5 34 50 91 18

USA: +1 (0) 408 455 2426

Email: info@iqdfrequencyproducts.comWeb: www.iqdfrequencyproducts.com