



### 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 4.0960MHz
- Frequency Tolerance @ 25°C ±30.00ppm
- 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 (C<sub>L</sub>) 30.00pF
- Shunt Capacitance (C<sub>0</sub>) 7pF max
- Drive Level 500µW max
- ESR 130Ω max

### Environmental Parameters

- Shock: 981m/s<sup>2</sup>, 6ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s<sup>2</sup>, 30mins in 3 mutually perpendicular planes
- Storage Temperature Range: -55 to 125°C

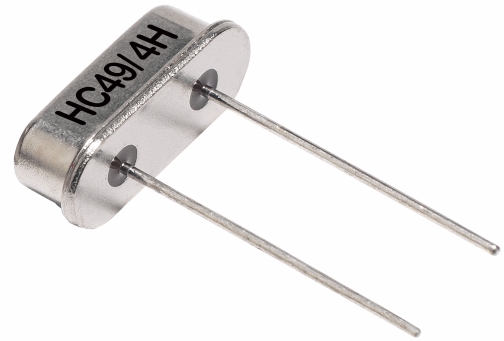
### Compliance

- RoHS Status Compliant
- REACH Status Compliant

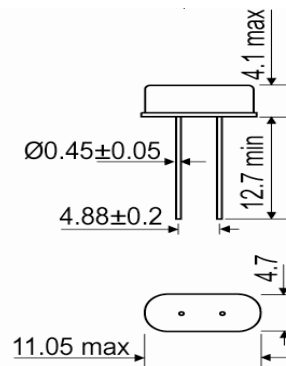
### Packaging

- 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.*

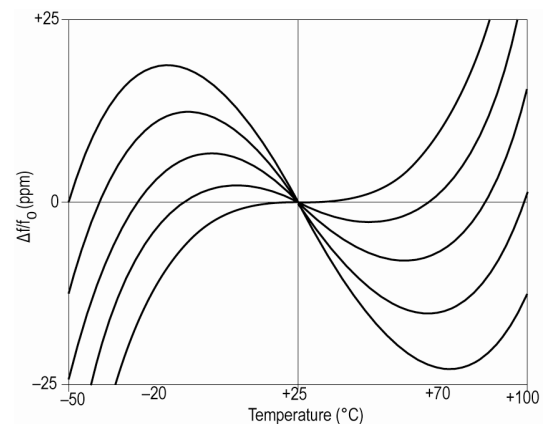


### Outline (mm)



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.com](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)