

**Description**

- Industry standard leaded package  
Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads
- Standard 2 leg HC49 package
- Model HC49
- Model Issue number 15

**Frequency Parameters**

- Frequency 2.0MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- Frequency Stability  $\pm 100.00\text{ppm}$
- Operating Temperature Range 0.00 to 50.00°C
- Overtone Order Fundamental
- Ageing  $\pm 3\text{ppm}$  typical per year

**Electrical Parameters**

- Load Capacitance 20.00pF
- Shunt Capacitance 7pF max
- Drive Level 1mW max
- ESR 600.00 $\Omega$  max

**Environmental Parameters**

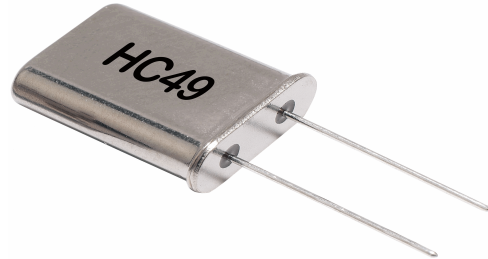
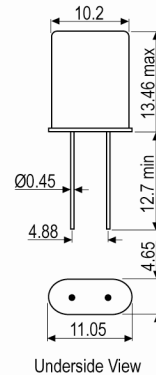
- Shock: 981m/s<sup>2</sup>, 6ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s<sup>2</sup>, 30mins in 3 mutually perpendicular planes
- Storage Temperature Range: -55 to 125°C

**Compliance**

- RoHS Status (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*


**Outline (mm)**

**Sales Office Contact Details:**

 UK: +44 (0)1460 270200  
 Germany: 0800 1808 443

 France: 0800 901 383  
 USA: +1.760.318.2824

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