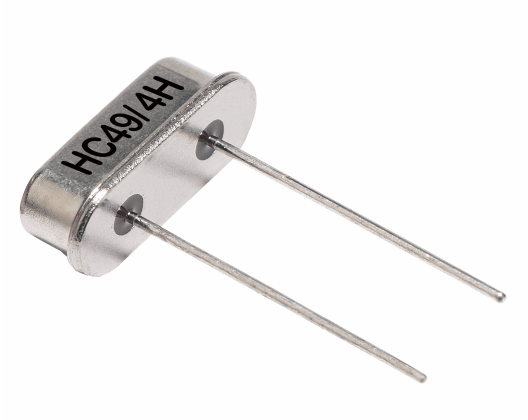
Quartz Crystal Specification

Part No. + Packaging: ***LFXTAL003224Bulk***

Customer Part:

Description

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



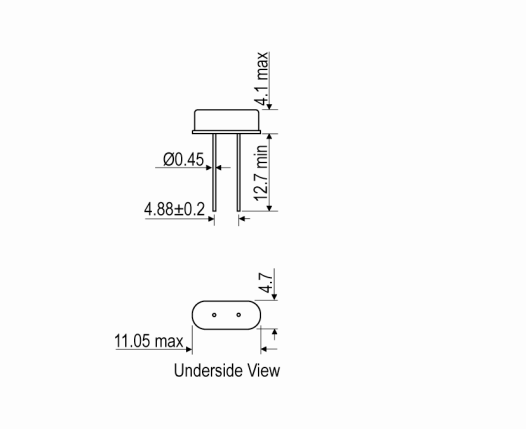
Frequency Parameters

Frequency	14.74560MHz
Frequency Tolerance	±30.00ppm
Tolerance Condition	@ 25°C
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 (CL)	30.00pF
Shunt Capacitance (C0)	7pF max
Drive Level	500µW max
ESR	40.00Ω max

Outline (mm)



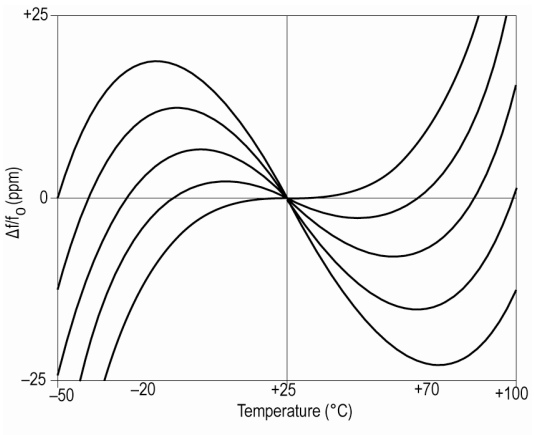
Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- 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

Compliance

RoHS Status (2015/863/EU)	Compliant
REACh Status	Compliant
MSL Rating (JDEC-STD-033):	Not Applicable

Typical Frequency vs Temperature Curves



Packaging Details

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

Sales Office Contact Details:

UK: +44 (0)1460 270200
France: 0800 901 383
Email: info@iqdfrequencyproducts.com
Germany: 0800 1808 443
USA: +1.760.318.2824
Web: www.iqdfrequencyproducts.com