**Quartz Crystal Specification**

Part No. + Packaging: LFXTAL003327Bulk

**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: 11.0MHz
- Frequency Tolerance: ±20.00ppm
- Frequency Stability: ±30.00ppm
- Operating Temperature Range: -10.00 to 60.00°C
- Overtone Order: Fundamental
- Ageing: ±3ppm typical per year

**Electrical Parameters**
- Load Capacitance: 30.00pF
- Shunt Capacitance: 7pF max
- Drive Level: 1mW max
- ESR: 35.00Ω 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 (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

---

**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

Page 1 of 1