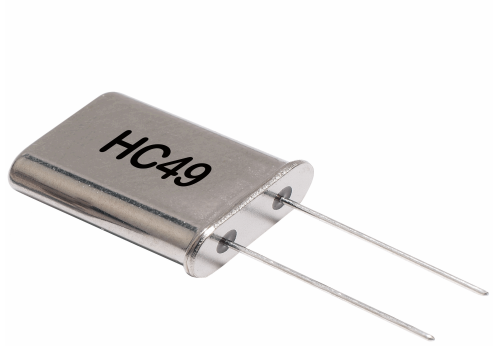
Quartz Crystal Specification

Part No. + Packaging: ***LFXTAL011000Bulk***

Customer Part:

Description

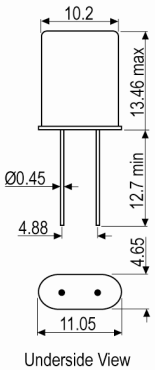
- Industry standard leaded package
  Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads
- Standard 2 leg HC49 package
- Model HC49
- Model Issue number 15



Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance ±30.00ppm
- Frequency Stability ±50.00ppm
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing ±3ppm typical per year

Outline (mm)



Underside View

Electrical Parameters

- Load Capacitance 20.00pF
- 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 (2015/863/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*

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