

Quartz Crystal Specification Part No. + Packaging: LFXTAL012424Reel

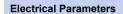
Customer Part:

Description

- Industry standard SMD crystal Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads Lead wires are mounted onto a plastic former to create a gull wing mount HC49/4HSMX Model 17
- Model Issue number

Frequency Parameters

- Frequency
- **Frequency Tolerance** ±30.00ppm
- **Tolerance Condition** @ 25°C ±2°C
- **Frequency Stability** ±50.00ppm
- **Operating Temperature Range** -40.00 to 90.00°C
- Overtone Order Fundamental
- Ageing ±5ppm typ per year @ 25°C



- Load Capacitance (CL)
- Shunt Capacitance (C0)
- Drive Level
- FSR

30.00pF 7pF max 500µW max

Compliant

12.0MHz

- - 40.00Ω 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
- **RoHS** Terminations
- **RoHS Reflow Temp** 260°C max for 10s max

Compliance

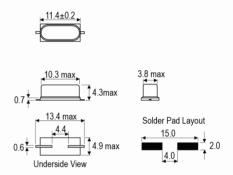
- RoHS Status (2015/863/EU) Compliant
- **REACh Status**
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

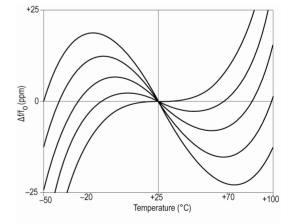
- Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 1,000
- Alternative packing option available

HCA9IAHSMA

Outline (mm)



Typical Frequency vs Temperature Curves



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