

# **Quartz Crystal Specification** Part No. + Packaging: LFXTAL036059Reel

### **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** ±50.00ppm
- **Tolerance Condition** @ 25°C ±2°C
- **Frequency Stability** ±50.00ppm
- **Operating Temperature Range** -20.00 to 70.00°C
- Overtone Order Fundamental
- ±5ppm typ per year @ 25°C



### **Electrical Parameters**

- Load Capacitance (CL)
- Shunt Capacitance (C0)
- Drive Level
- FSR
- 7pF max 500µW max

Compliant

10.00pF

13.0MHz

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

### Compliance

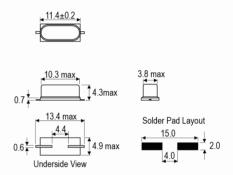
- RoHS Status (2015/863/EU) Compliant
- **REACh Status**
- MSL Rating (JDEC-STD-033): Not Applicable

### **Packaging Details**

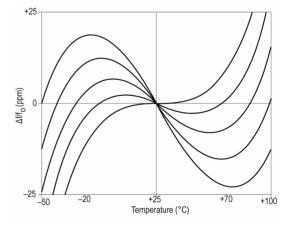
- Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 1,000
- Alternative packing option available

# HCA9IAHSMA

### Outline (mm)



### **Typical Frequency vs Temperature Curves**



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Printed on 5 Mar 21 2:51 using Part Data Sheet V1.0018