

Quartz Crystal Specification

Part No.: LFXTAL036034

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.

Model HC49/4HSMX

Model Issue number 19

Frequency Parameters

Frequency 16.0MHz Frequency Tolerance ±30.00ppm **Tolerance Condition** @25°C ±50.00ppm Frequency Stability Operating Temperature Range -40.00 to 85.00°C Overtone Order **Fundamental**

Ageing ±5ppm typ per year @25°C

Electrical Parameters

16.00pF Load Capacitance (CL) Shunt Capacitance (C0) 7pF max Drive Level 500µW max **ESR** 40.00Ω max

Environmental Parameters

- Shock: MIL-STD-202 Method 213, Condition C, Half sine shock pulse peak acceleration of 100g, pulse duration 6ms.
- Vibration: MIL-STD-202 Method 204, 5g for 20 minutes, 12 cycles in each of the 3 orientations, 10~2000Hz
- Storage Temperature Range: -55 to 125°C

Manufacturing Details

RoHS Terminations Sn, Ag & Cu

RoHS Reflow Temp 260°C max for 10 seconds

Compliance

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

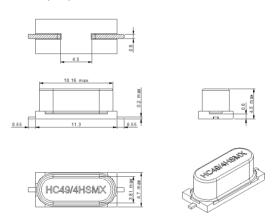
Packaging Details

Tape & reel in accordance with EIA-481 Quantities below the standard reel size to be supplied on

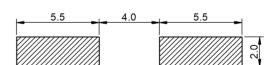
Standard Pack Quantity: 1,000



Outline (mm)



Recommended Solder Pad Layout



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