Quartz Crystal Specification

Part No. + Packaging: ***LFXTAL059815RL3K***

Customer Part:

Description

- Standard 3.2 x 2.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-180
- Model Issue number 10



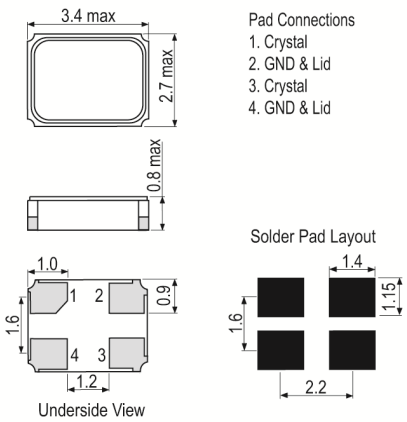
Frequency Parameters

- Frequency 27.120MHz
- Frequency Tolerance ±50.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±50.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 50.00Ω max

Outline (mm)



Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)

Manufacturing Details

- RoHS Terminations NiAu
- RoHS Reflow Temp 260degC 10s

Compliance

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

Packaging Details

- Pack Style: RL3K Tape & reel in accordance with EIA-481-D
  Pack Size: 3,000
- *Alternative packing option available*

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LF XTAL003181 LF XTAL012313 LFXTAL003177 LFXTAL003327BULK LFXTAL009678 LFXTAL085874 LFXTAL085880 LF SPXO018035 LF XTAL003127 LFXTAL009706 LFXTAL059530 LFXTAL003118BULK LF XTAL016788 LFSPXO071189REEL LFXTAL002997B LFXTAL003000 LFXTAL003169BULK LFXTAL009650 LFXTAL072604 LFSPXO018036 LFXTAL003044BULK LFXTAL055295 LFXTAL059575 LFSPXO018039 LFTVXO009907BULK LFXTAL030234 LFXTAL034655 LF XTAL003335 LFXTAL026900 LFXTAL053699