Quartz Crystal Specification
Part No. + Packaging: LFXTAL003000Reel

Description
- Industry standard SMD package with 5.5mm lead spacing
  Suitable for real time clock applications
- Plastic encapsulated
- Model: 85SMX
- Model Issue number: 9

Frequency Parameters
- Frequency: 32.7680kHz
- Frequency Tolerance: ±20.00ppm
- Overtone Order: Fundamental
- Ageing: ±5ppm max per year @ 25°C

Electrical Parameters
- Load Capacitance (CL): 12.50pF
- Shunt Capacitance (CS): 1pF typ
- Drive Level: 1.0µW max
- ESR: 50.00kΩ max

Environmental Parameters
- Storage Temperature Range: -55 to 125°C
- Drop: 75cm drop (3 times) onto hard wooden board
- Vibration: 1.5mm amplitude, 10Hz-60Hz, 2-3mins in 3 mutually perpendicular planes, duration 2hrs each plane

Manufacturing Details
- Not suitable for use with ultrasonic cleaning techniques

Compliance
- RoHS Status (2011/65/EU): Compliant
- REACh Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

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

Sales Office Contact Details:
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Outline (mm)

Typical Frequency Stability Characteristics

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