



Quartz Crystal Specification

Part No. + Packaging: **LFX TAL014193Reel**

Description

- Industry standard SMD crystal
Plastic encapsulated
Low profile version also available please contact our sales offices for details
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- Model 86SMX-LP
- Model Issue number 10

Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance $\pm 50.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ max per year at 25°C

Electrical Parameters

- Load Capacitance (CL) 16.00pF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100 μW max
- ESR 35.00 Ω max

Environmental Parameters

- Storage Temperature Range: -40 to 90°C
- Drop: 75cm drop (3 times) onto hard wooden board
- Vibration: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane

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: 1,000
- *Alternative packing option available*

Outline (mm)

Outline (mm)

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