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Quartz Crystal Specification

IQD Part No. + Packaging: LFXTAL016178Reel
Wurth Part No. ***830016178***

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) 6.00pF
- Shunt Capacitance (C0) 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
- RoHS Terminations Matte Sn
- RoHS Reflow Temp 260degC 10s

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*

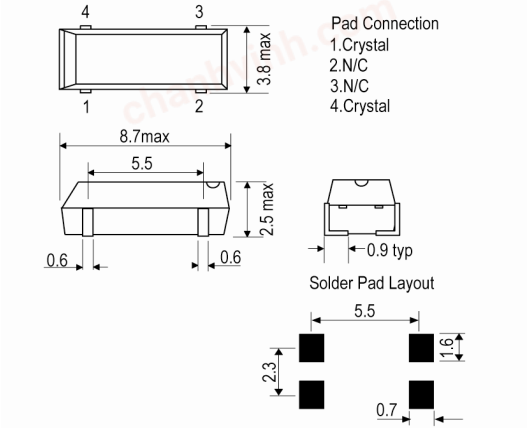
USEFUL LINKS

Toolbox:
www.we-online.com/toolbox

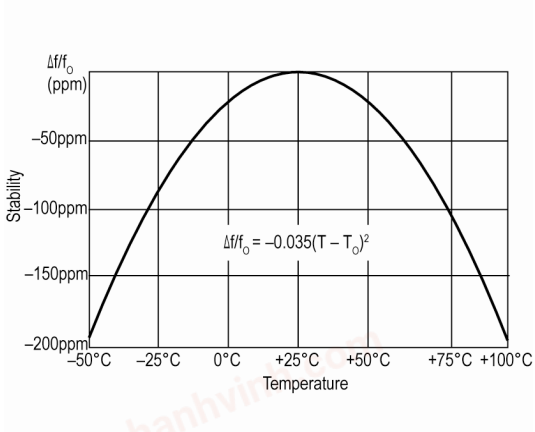
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Outline (mm)



Typical Frequency Stability Characteristics



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