



Quartz Crystal Specification

IQD Part No. + Packaging: LFXTAL010193Reel

Würth Part No. 830010193



Description

- Industry standard package
Plastic encapsulated
- Model 91SMX
- Model Issue number 11

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance ± 20.00 ppm
- Frequency Stability ± 0.00 ppm
- Overtone Order Fundamental
- Ageing ± 5 ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 6.00pF
- Shunt Capacitance (C0) 1pF typ
- Drive Level 1.0 μ W max
- ESR 50.00k Ω max

Environmental Parameters

- Operable Temperature Range: -40 to 85°C
- 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

- 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: 2,000
- Alternative packing option available

USEFUL LINKS

Toolbox:

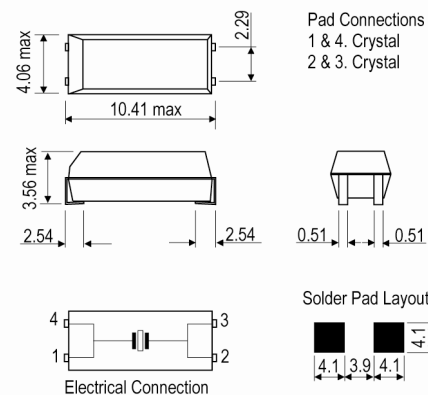
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Product Catalog:

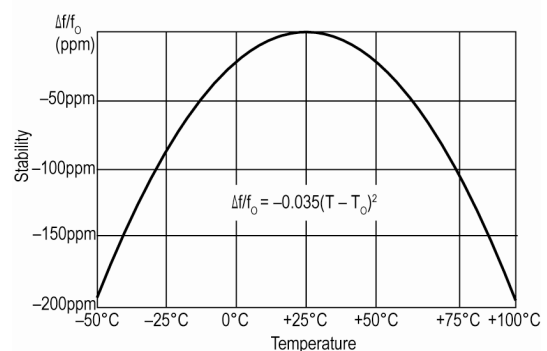
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Outline (mm)



Typical Frequency Stability Characteristics



CONTACT INFORMATION:

Würth Elektronik eiSos GmbH & Co. KG
Max-Eyth-Str. 1, 74638 Waldenburg, Germany
Tel: +49(0) 7942 945-0

Email: eiSos@we-online.de
Web: www.we-online.com