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Quartz Crystal Specification

IQD Part No. + Packaging: LFXTAL009709Reel
Wurth Part No. ***830009709***

Description

- A 3.2 x 1.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed
- Model CFPX-217
- Model Issue number 4

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance ±20.00ppm
- Tolerance Condition @ 25°C ±5°C
- Overtone Order Fundamental
- Ageing ±3ppm max in 1st year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 7.00pF
- Shunt Capacitance (C0) 1.05pF typical
- Drive Level 1µW max
- ESR 70.00kΩ max

Environmental Parameters

- Storage Temperature Range: –55 to 125°C
- Drop: 100g dummy, 150cm drop (3 directions x 10 times) onto concrete
- Vibration: 1.5mm amplitude, 10Hz-500Hz, full sine wave or acceleration 10G, 1.5mins in 3 mutually perpendicular planes, duration 2hrs each plane

Manufacturing Details

- RoHS Terminations NiAu
- RoHS Reflow Temp 260°C max for10secs max

Compliance

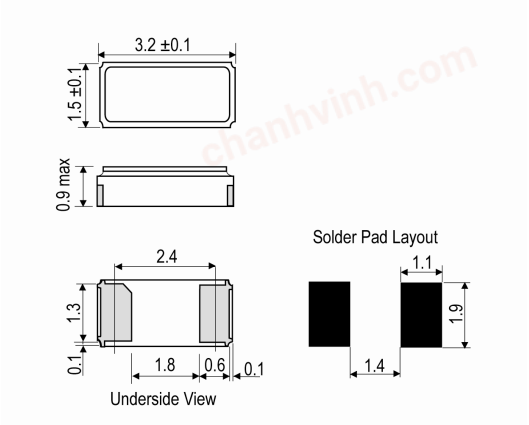
- RoHS Status (2011/65/EU) Compliant
- REACh Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

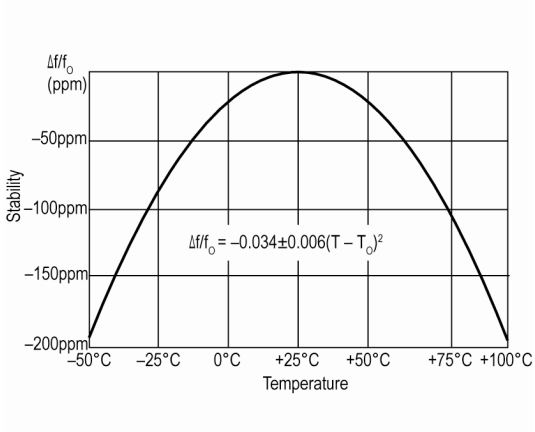
- Pack Style: Reel Tape & reel in accordance with EIA-481-D
  Pack Size: 3,000
- *Alternative packing option available*



Outline (mm)



Typical Frequency Stability Characteristics



USEFUL LINKS

Toolbox:
www.we-online.com/toolbox

Product Catalog:
www.we-online.com/products

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