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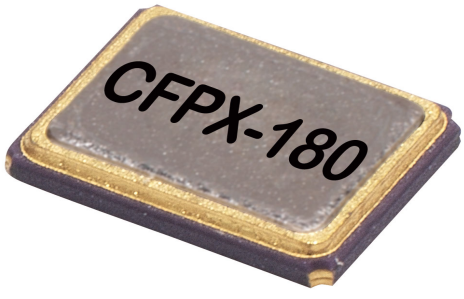


# Quartz Crystal Specification

*IQD Part No. + Packaging: LFXTAL055295Reel*
*Wurth Part No.* ***830055295***

## Description

- Standard 3.2 x 2.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-180
- Model Issue number 9



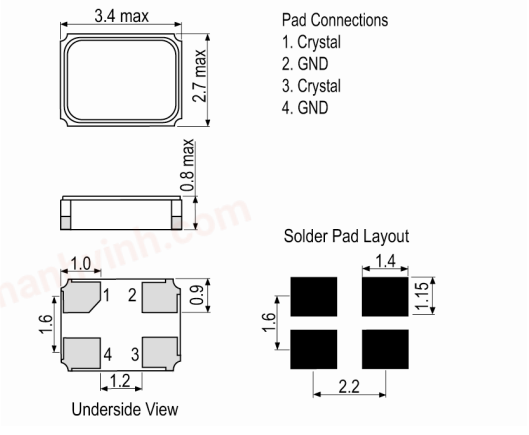

## Frequency Parameters

- Frequency 12.0MHz
- Frequency Tolerance ±20.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±30.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

## Electrical Parameters

- Load Capacitance (CL) 18.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 120.00Ω max

**Outline (mm)**




## Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)

## Manufacturing Details

- RoHS Terminations NiAu
- 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: 1,000
- *Alternative packing option available*

**USEFUL LINKS**

**Toolbox:**
www.we-online.com/toolbox

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

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