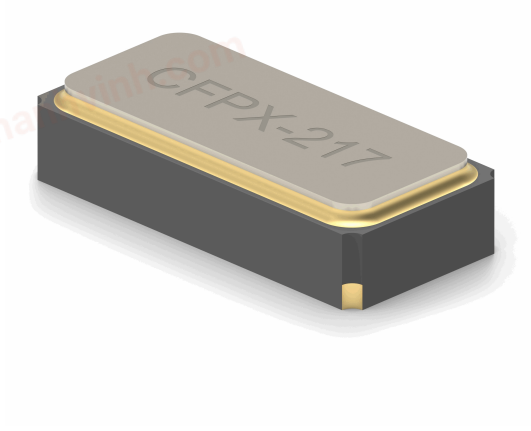
chanhvinh.com

# Quartz Crystal Specification

*Part No.:* ***LFXTAL009709***

## Description

- 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: 7




## Frequency Parameters

| | |
|---|---|
| Frequency | 32.7680kHz |
| Frequency Tolerance | ±20.00ppm |
| Tolerance Condition | @25°C |
| Overtone Order | Fundamental |
| Ageing | ±3ppm max first year @25°C<br>±3°C |

## Electrical Parameters

| | |
|---|---|
| Load Capacitance (CL) | 7.00pF |
| Shunt Capacitance (C0) | 1.0pF typical |
| Drive Level | 1.0µW 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~60Hz with cycle time of 2~3 minutes in 3 directions (X, Y and Z axis) each for 2 hours.

## Manufacturing Details

| | |
|---|---|
| RoHS Terminations | NiAu |
| RoHS Reflow Temp | 260°C max for 10 seconds |

## Compliance

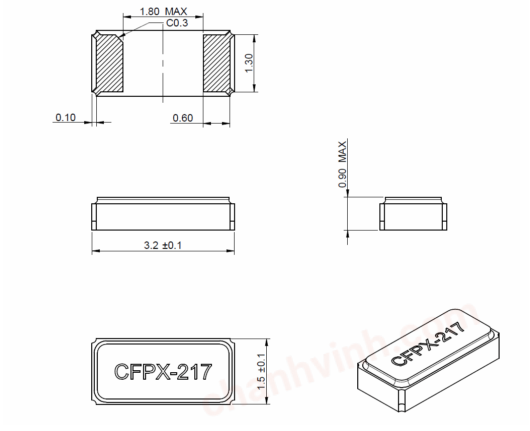
| | |
|---|---|
| RoHS Status (2015/863/EU) | Compliant |
| REACh Status | Compliant |
| MSL Rating (JDEC-STD-033): | Not Applicable |

## Packaging Details

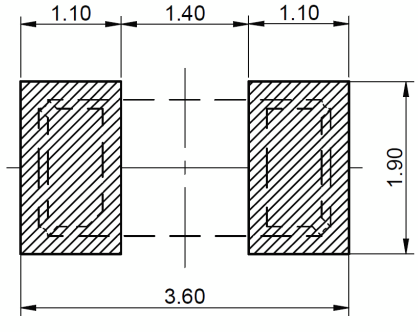
- Tape & reel in accordance with EIA-481
  Quantities below the standard reel size to be supplied on cut tape

  Standard Pack Quantity: 3,000

**Outline (mm)**




**Recommended Solder Pad Layout**




**Sales Office Contact Details:**

UK: +44 (0)1460 270200

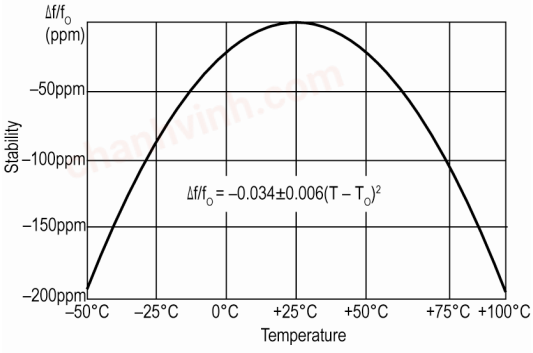
Email: info@iqdfrequencyproducts.com

Web: www.iqdfrequencyproducts.com

chanhvinh.com



**Typical Frequency Stability Characteristics**




**Sales Office Contact Details:**
UK: +44 (0)1460 270200
Email: info@iqdfrequencyproducts.com
Web: www.iqdfrequencyproducts.com