chanhvinh.com

Quartz Crystal Specification

Part No.: ***LFXTAL009706***

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 ±3°C

Electrical Parameters

Load Capacitance (CL)	9.00pF
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

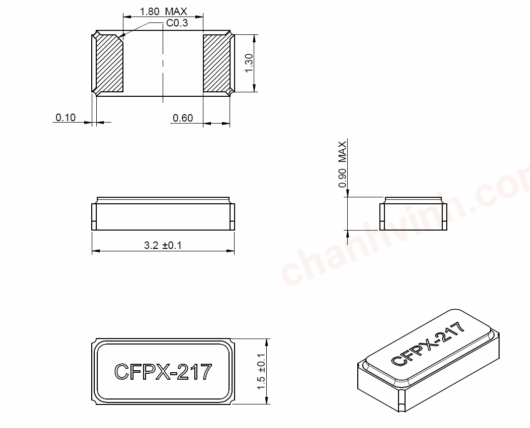
RoHS Status (2015/863/EU)	Compliant
REACh Status	Compliant
MSL Rating (JDEC-STD-033):	Not Applicable

Packaging Details

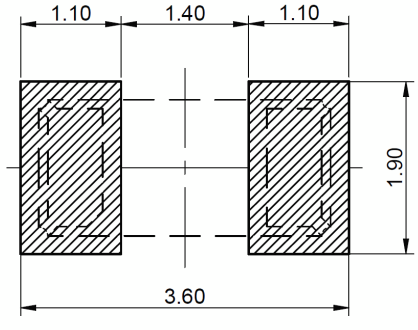
- Tape & reel in accordance with EIA-481
  Quantities below the standard reel size to be supplied on cut tape

  Standard Pack Quantity: 3,000

Outline (mm)



Recommended Solder Pad Layout



Sales Office Contact Details:

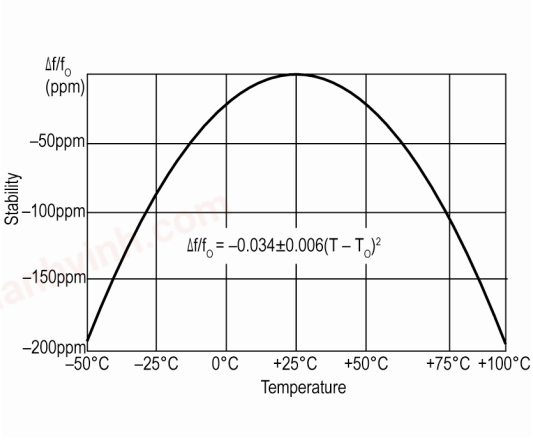
UK: +44 (0)1460 270200

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