

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 $\pm 20.00\text{ppm}$
- Tolerance Condition @25°C
- Overtone Order Fundamental
- Ageing $\pm 3\text{ppm}$ max first year @25°C
 $\pm 3^\circ\text{C}$

Electrical Parameters

- Load Capacitance (CL) 12.50pF
- 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

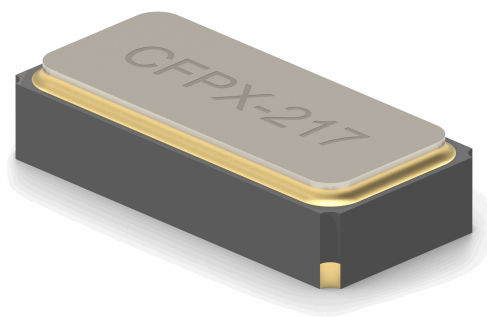
Compliance

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

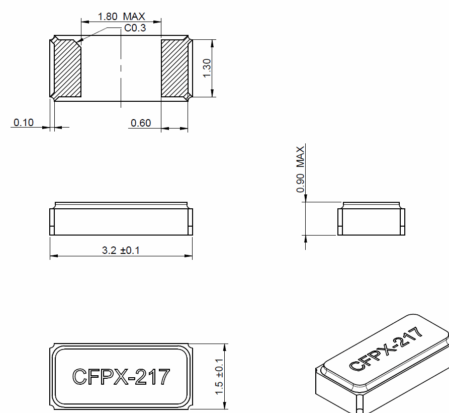
Packaging Details

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

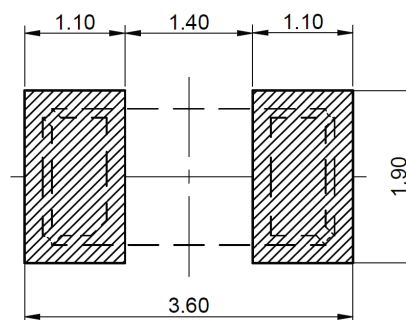
Standard Pack Quantity: 3,000



Outline (mm)



Recommended Solder Pad Layout



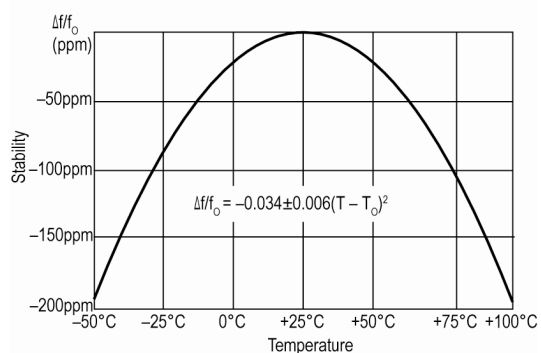
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Typical Frequency Stability Characteristics



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