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: 3

Frequency Parameters

- Frequency: 32.7680kHz
- Frequency Tolerance @ 25°C: ±20.00ppm
- Operating Temperature Range: -40.00 to 85.00 °C
- Overtone Order: Fundamental
- Ageing: ±3ppm max first year at 25°C

Electrical Parameters

- Load Capacitance (C_L): 7.00pF
- Shunt Capacitance (C_0): 1.05pF typical
- Drive Level: 1µW max
- ESR: 80kΩ max

Environmental Parameters

- Vibration: 1.5mm amplitude, 10Hz-500Hz, full sine wave or acceleration 10G, 1.5mins in 3 mutually perpendicular planes, duration 2hrs each plane
- Storage Temperature Range: –55 to 125°C
- Operable Temperature Range: -40 to 85°C
- Drop: 100g dummy, 150cm drop (3 directions x 10 times) onto concrete

Compliance

- RoHS Status: Compliant
- REACh Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

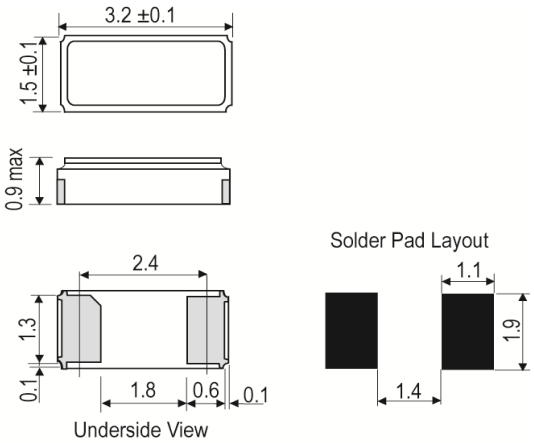
Packaging

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

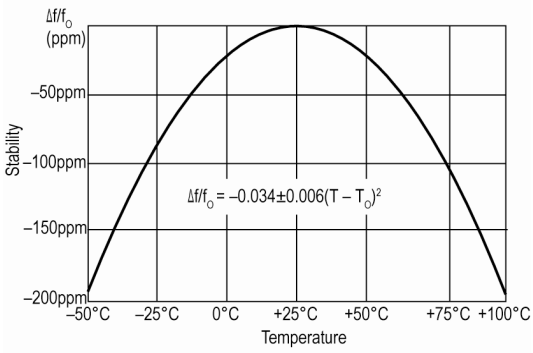
This document is correct at the time of printing; please contact your local office for the latest version.



Outline (mm)



Typical Frequency Stability Characteristics



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