

Customer Part:

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 5

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance $\pm 10.00\text{ppm}$
- Tolerance Condition @ 25°C $\pm 5^\circ\text{C}$
- Overtone Order Fundamental
- Ageing $\pm 3\text{ppm}$ max in 1st year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 12.50pF
- Shunt Capacitance (C0) 1.05pF typical
- Drive Level 1μW 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-500Hz, full sine wave or acceleration 10g, 1.5mins in 3 mutually perpendicular planes, duration 2hrs each plane

Manufacturing Details

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

Compliance

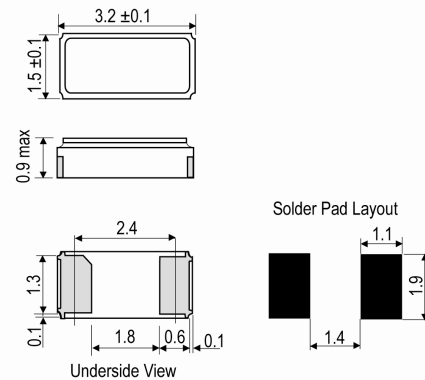
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

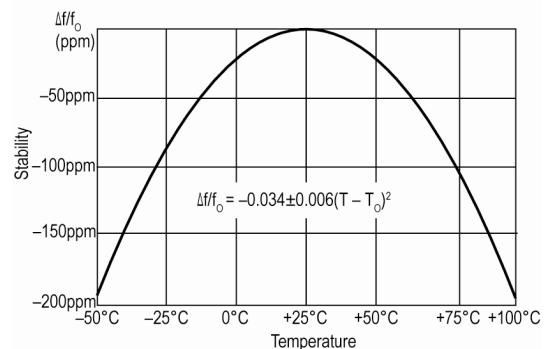
- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- *Alternative packing option available*



Outline (mm)



Typical Frequency Stability Characteristics



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