



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) 12.50pF
- Shunt Capacitance (C₀) 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

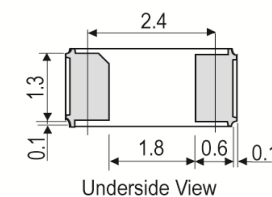
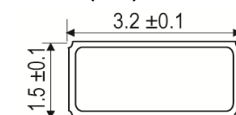
Packaging

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

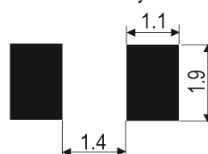
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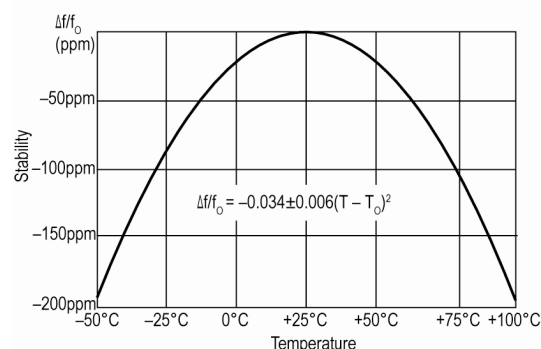
Outline (mm)



Solder Pad Layout



Typical Frequency Stability Characteristics



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