



### 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<sub>L</sub>) 12.50pF
- Shunt Capacitance (C<sub>0</sub>) 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

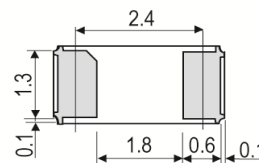
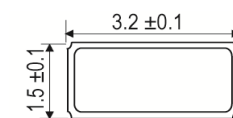
### Packaging

- 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.*

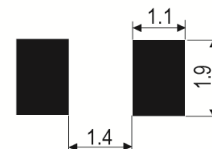


### Outline (mm)



Underside View

### Solder Pad Layout



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