

**Description**

- Standard 6 x 3.5mm crystal
- B 4 pad  
Variant B is a 4 pad version
- Model CFPX-228-B
- Model Issue number 2

**Frequency Parameters**

- Frequency 32.0MHz
- Frequency Tolerance  $\pm 10.00$ ppm
- Frequency Stability  $\pm 10.00$ ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing  $\pm 3$ ppm max per year @ 25°C

**Electrical Parameters**

- Load Capacitance (CL) 18.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 30.00Ω max

**Environmental Parameters**

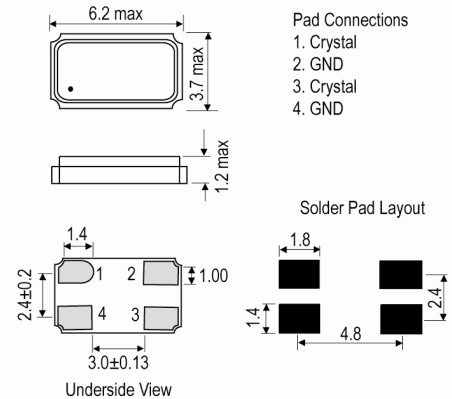
- Storage Temperature Range: -55 to 125°C
- Drop Test: Unit dropped from height of 100cm onto hard wooden plate (>30mm thickness), three times. JIS-C-0044
- Vibration: MIL-STD-883F: 2007.3 Frequency range 20 to 2000Hz, peak amplitude 1.52mm, peak acceleration 20G, 20min/axis X, Y & Z, total test time 4 hrs

**Compliance**

- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 1,000
- *Alternative packing option available*

**Outline (mm)**

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