

Description

- 4 x 2.5mm SMD crystal in a hermetically sealed ceramic package with a seam sealed metal lid.
- Model CFPX-201
- Model Issue number 4

Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance $\pm 10.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability $\pm 15.00\text{ppm}$
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing $\pm 3\text{ppm max per year @ 25°C}$

Electrical Parameters

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100μW max
- ESR 80.00Ω max

Environmental Parameters

- Storage Temperature Range: -40°C to 90°C
- Drop: 75cm drop (3 times) onto hard wooden board.
- Vibration: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane.

Compliance

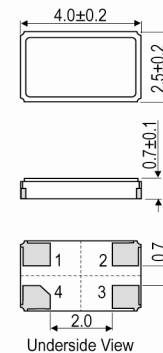
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

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



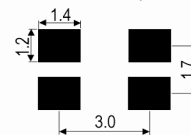
Outline (mm)



Pad Connections

1. Crystal
 2. GND & Lid
 3. Crystal
 4. GND & Lid
- Note: pads 2 & 4 should be connected to GND for correct operation.

Solder Pad Layout



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