

Customer Part:
Description

- Standard 6 x 3.5mm crystal available only in a 4 pad package.
Ceramic package with a seam sealed metal lid, hermetically sealed.
- 4 pad
Variant B is a 4 pad version
- Model CFPX-228-B
- Model Issue number 4

Frequency Parameters

- Frequency 12.0MHz
- Frequency Tolerance $\pm 20.00\text{ppm}$
- Frequency Stability $\pm 30.00\text{ppm}$
- 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) 18.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level $100\mu\text{W}$ 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 ($>30\text{mm}$ 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

Manufacturing Details

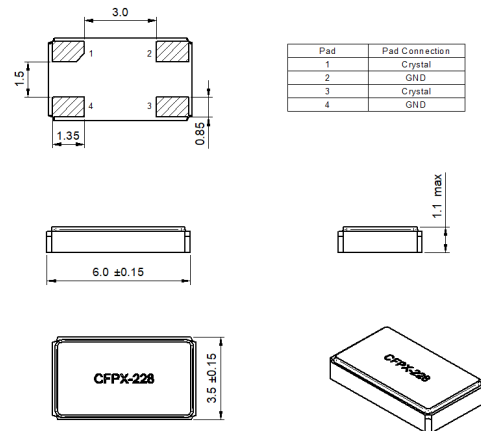
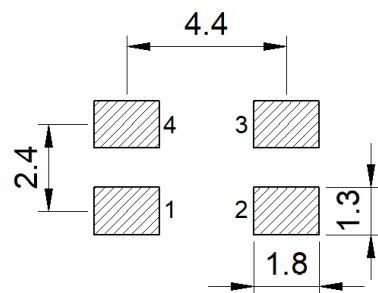
- RoHS Terminations NiAu
- RoHS Reflow Temp 260°C max for 10s max

Compliance

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

Packaging Details

- Tape & reel in accordance with EIA-481
Quantities below the standard reel size to be supplied on cut tape
- Standard Pack Quantity: 1,000


Outline (mm)

Recommended Solder Pad Layout

Sales Office Contact Details:

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