

Description

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

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 μW max
- ESR 80.00 Ω 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

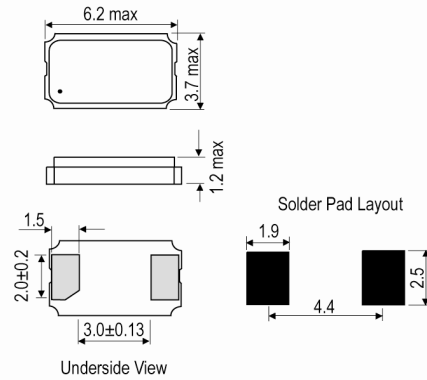
Compliance

- 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)



Sales Office Contact Details:

UK: +44 (0)1460 270200
Germany: 0800 1808 443

France: 0800 901 383
USA: +1.760.318.2824

Email: info@iqdfrequencyproducts.com
Web: www.iqdfrequencyproducts.com