



### Description

- Standard 3.2 x 2.5mm SMD crystal
- Model CFPX-180
- Model Issue number 7

### Frequency Parameters

- Frequency 32.0MHz
- Frequency Tolerance @ 25°C ±10.00ppm
- Frequency Stability ±10.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

### Electrical Parameters

- Load Capacitance (C<sub>L</sub>) 10.00pF
- Shunt Capacitance (C<sub>0</sub>) 7pF max
- Drive Level 100µW max
- ESR 60Ω max

### Environmental Parameters

- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)
- Storage Temperature Range: -55 to 125°C

### Compliance

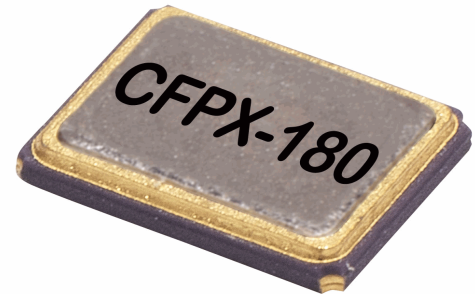
- RoHS Status Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

### Packaging

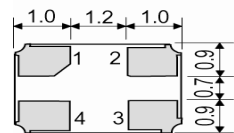
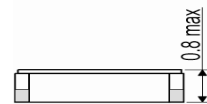
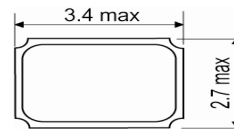
- Pack Type: Cutt In tape, cut from a reel
- Pack Size 1

- Alternative packing option available

*This document is correct at the time of printing; please contact your local office for the latest version.*



### Outline (mm)

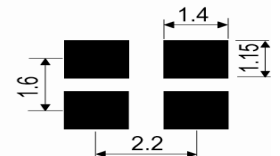


Underside View

### Pad Connections

- Crystal
- GND
- Crystal
- GND

### Solder Pad Layout



### Sales Office Contact Details:

UK: +44 (0)1460 270200

Germany: +49 (0) 30 408 192 300

France: +33 (0)5 34 50 91 18

USA: +1 408.273.4530

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)

Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)

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