

**Description**

- Standard 3.2 x 2.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-180
- Model Issue number 9

**Frequency Parameters**

- Frequency 32.0MHz
- Frequency Tolerance ±10.00ppm
- Tolerance Condition @ 25°C
- 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 (CL) 10.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 40.00Ω max

**Environmental Parameters**

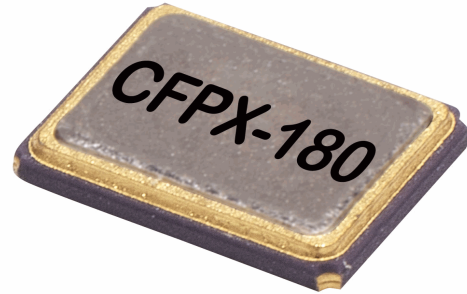
- Storage Temperature Range: -55 to 125°C
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)

**Compliance**

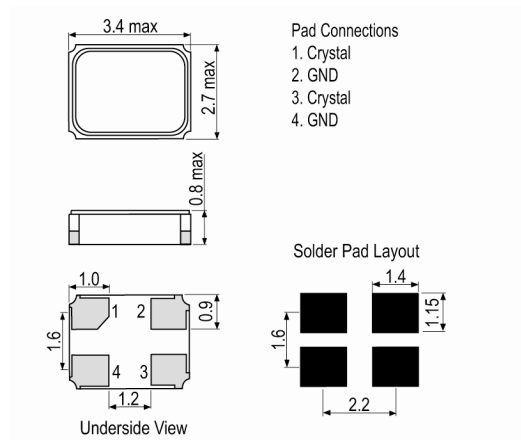
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

- Pack Style: **Cutt** In tape, cut from a reel  
Pack Size: 1
- *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](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)