



Description

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

Frequency Parameters

- Frequency 36.0MHz
- Frequency Tolerance @ 25°C $\pm 10.00\text{ppm}$
- Frequency Stability $\pm 10.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm max per year @ 25°C}$

Electrical Parameters

- Load Capacitance (C_L) 10.00pF
- Shunt Capacitance (C_0) 7pF max
- Drive Level 100 μ W max
- ESR 60 Ω 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

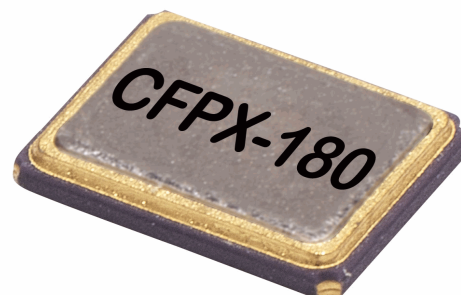
- RoHS Status Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

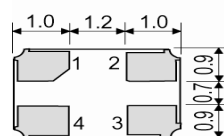
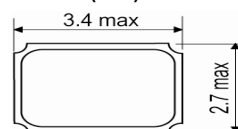
- Pack Type: Bulk Loose in bulk pack
- Pack Size 100

- Alternative packing option available

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



Outline (mm)

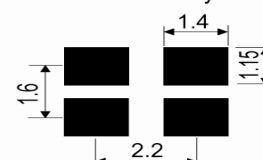


Underside View

Pad Connections

1. Crystal
2. GND
3. Crystal
4. 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

Web: www.iqdfrequencyproducts.com