

### Customer Part:

#### Description

- Standard 5x3.2mm SMD crystal with four pads.  
Ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-104
- Model Issue number 10

#### Frequency Parameters

- Frequency 14.318180MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability  $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°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 100µW max
- ESR 70.00Ω max

#### Environmental Parameters

- Shock: 1500g, 0.5ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 20g (20Hz-2000Hz), 1.52mm amplitude, 20mins in 3 mutually perpendicular planes, 4 cycles
- Storage Temperature Range: -55 to 125°C

#### Manufacturing Details

- RoHS Terminations Au 0.3µm~1.0µm
- RoHS Reflow Temp 260degC max for 30s max

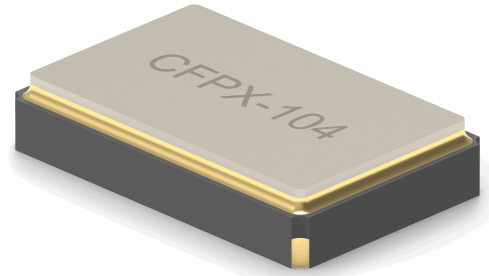
#### Compliance

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

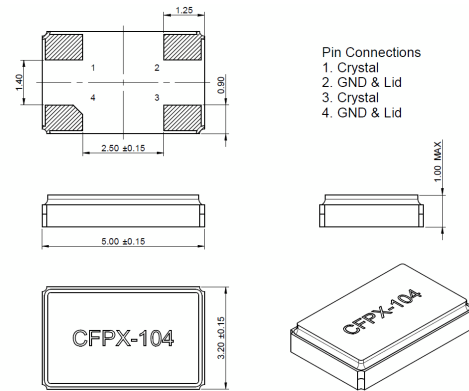
#### Packaging Details

- Tape & reel in accordance with EIA-481  
Quantities below the standard reel size to be supplied on cut tape.

Standard Pack Quantity: 1,000

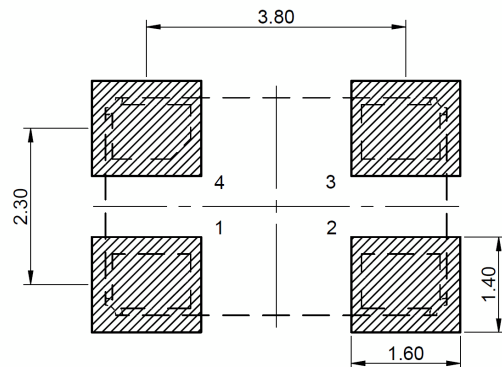


#### Outline (mm)



NOTE: The chamfer may appear on pad 1 or 4.  
This causes no change to the electrical performance of the device.

#### Recommended Solder Pad Layout



#### Sales Office Contact Details:

UK: +44 (0)1460 270200

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

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