



### 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: 9

### Frequency Parameters

- Frequency: 24.0MHz
- Frequency Tolerance:  $\pm 50.00$ ppm
- Tolerance Condition: @ 25°C
- Frequency Stability:  $\pm 50.00$ ppm
- Operating Temperature Range: -10.00 to 60.00°C
- Overtone Order: Fundamental
- Ageing:  $\pm 3$ ppm max per year @ 25°C

### Electrical Parameters

- Load Capacitance (CL): 18.00pF
- Shunt Capacitance (C0): 7pF max
- Drive Level: 100µW max
- ESR: 40.00Ω 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

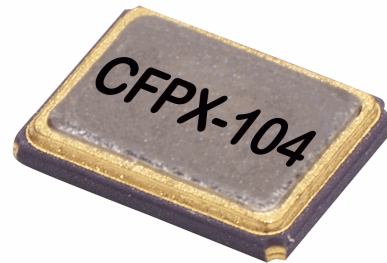
### Compliance

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

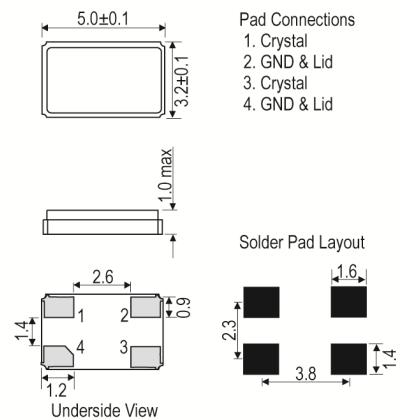
### Packaging Details

- Pack Style: 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)



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