



### 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 12.0MHz
- Frequency Tolerance @ 25°C ±20.00ppm
- Frequency Stability ±50.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±3ppm max per year @ 25°C

### Electrical Parameters

- Load Capacitance (CL) 18.00pF
- Shunt Capacitance (Co) 7pF max
- Drive Level 100µW max
- ESR 90Ω 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

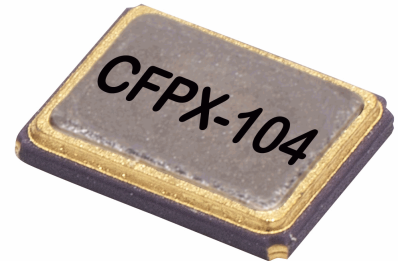
### Compliance

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

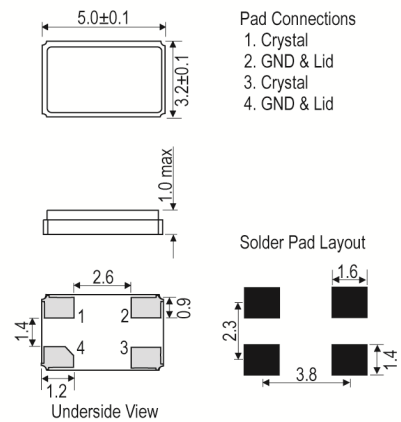
### Packaging

- Pack Type: Reel Tape & reel in accordance with EIA-481-D
- Pack Size 1,000
- 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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