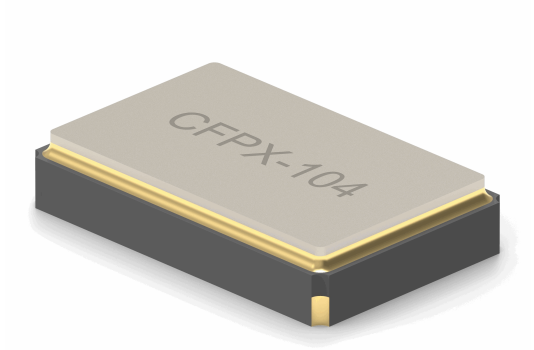
Quartz Crystal Specification

Part No. + Packaging: ***LFXTAL050518Reel***

Customer Part:

Description

- Standard 5x3.2mm SMD crystal with four pads. Ceramic package with a seam sealed metal lid, hermetically sealed.
- Model — CFPX-104 iss:9.06
- Model Issue number — 9



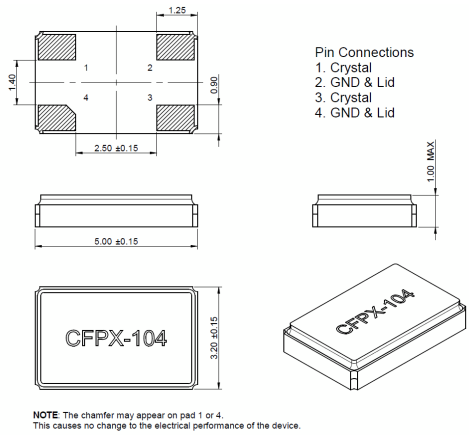
Frequency Parameters

- Frequency — 12.0MHz
- Frequency Tolerance — ±30.00ppm
- Tolerance Condition — @ 25°C
- Frequency Stability — ±30.00ppm
- Operating Temperature Range — -40.00 to 85.00°C
- Overtone Order — Fundamental
- Ageing — ±3ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) — 12.00pF
- Shunt Capacitance (C0) — 7pF max
- Drive Level — 100µW max
- ESR — 90.00Ω max

Outline (mm)



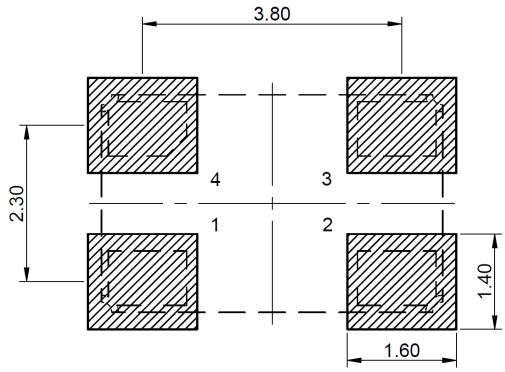
Environmental Parameters

- 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 0.3um~1.0um
- RoHS Reflow Temp — 260degC max for 30s max

Recommended Solder Pad Layout



Compliance

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

Packaging Details

- Pack Style: Reel — Tape & reel in accordance with EIA-481-D
  Pack Size: 1,000
- *Alternative packing option available*

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