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Quartz Crystal Specification

Part No.: ***LFXTAL069528***

Customer Part:

Description

- Standard 1.6 x 1.2mm SMD crystal in a hermetically sealed ceramic package with a sealed metal lid
- Model IQXC-26
- Model Issue number 5



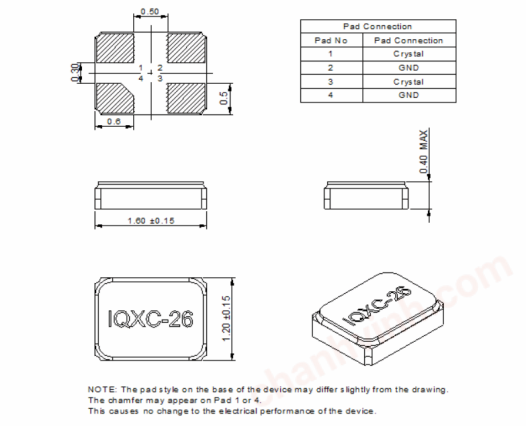
Frequency Parameters

- Frequency 48.0MHz
- Frequency Tolerance ±15.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±15.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±3ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 8.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100µW max
- ESR 100.00Ω max

Outline (mm)



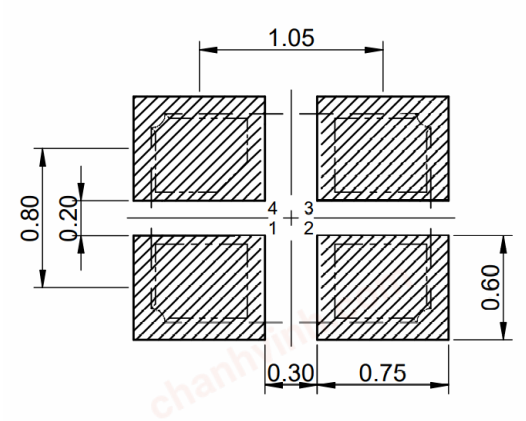
Environmental Parameters

- Storage Temperature Range: –55 to 125°C
- Shock Test (MIL-STD-202 Method 213): Half Sine shock pulse with peak acceleration 500g. Pulse duration: 0.3ms.
- Vibration (MIL-STD-202 Method 204): Frequency: 10 - 55 Hz. Amplitude: 0.7 - 0.9 mm pk-pk. Sweep: 1 minute. Duration: 2 hours in each of 3 mutually perpendicular direction.

Compliance

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

Recommended Solder Pad Layout



Packaging Details

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

  Standard Pack Quantity: 3,000

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