Quartz Crystal Specification

Part No. + Packaging: ***LFXTAL065842Reel***

Customer Part:

Description

- Standard 3.2 x 2.5mm SMD crystal in a ceramic package with a seam sealed metal lid, hermetically sealed.
- Model CFPX-180
- Model Issue number 10

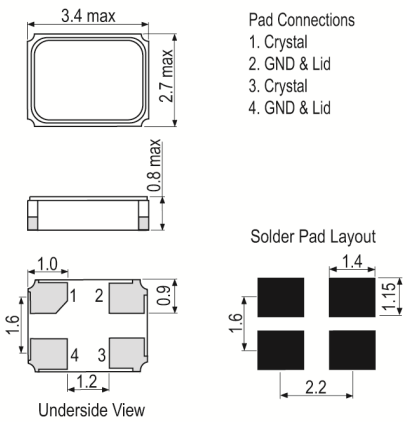
Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance ±30.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±30.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 12.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 70.00Ω max

Outline (mm)



Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)

Manufacturing Details

- RoHS Terminations NiAu
- RoHS Reflow Temp 260degC 10s

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*

Sales Office Contact Details:

UK: +44 (0)1460 270200 France: 0800 901 383 Email: info@iqdfrequencyproducts.com

Germany: 0800 1808 443 USA: +1.760.318.2824 Web: www.iqdfrequencyproducts.com