Quartz Crystal Specification
Part No. + Packaging: LFXTAL026380Reel

Customer Part:

- **Description**
  - Standard 7 x 5mm SMD crystal
  - 4 pad (metal lid)
    - A ceramic package with a seam sealed metal lid, hermetically sealed. 4 pad device metal lid.
  - Model: 12SMX-B
  - Model Issue number: 14

- **Frequency Parameters**
  - Frequency: 8.0MHz
  - Frequency Tolerance: ±30.00ppm
  - Frequency Stability: ±50.00ppm
  - Operating Temperature Range: -20.00 to 70.00°C
  - Overtone Order: Fundamental
  - Ageing: ±5ppm per year max

- **Electrical Parameters**
  - Load Capacitance: 16.00pF
  - Shunt Capacitance: 7pF max
  - Drive Level: 100µW max
  - ESR: 80.00Ω max

- **Environmental Parameters**
  - Storage Temperature Range: -40 to 125°C

- **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