Part No. + Packaging: LFXTAL002995BULK

**Description**
- Through-hole cylinder crystal in a press-sealed metal can
- Leaded crystal in a press sealed metal can 3 x 8mm
- Model WATCH-3X8
- Model Issue number 13

**Frequency Parameters**
- Frequency 32.7680kHz
- Frequency Tolerance @ 25°C ±20.00ppm
- Operating Temperature Range -20.00 to 70.00 °C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C
- Frequency Stability: -0.034±0.006°/C²

**Electrical Parameters**
- Load Capacitance (C_L) 12.50pF
- Shunt Capacitance (C_0) 2.5pF typ
- Drive Level 1.0µW max
- ESR 50kΩ max

**Environmental Parameters**
- Storage Temperature Range: -40 to 85°C
- Operable Temperature Range: -40 to 85°C
- Drop: 75cm drop (3 times) onto hard wooden board

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

**Packaging**
- Pack Type: Bulk
- Loose in bulk pack
- 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.*

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**Typical Frequency Stability Characteristics**

\[
\frac{\Delta f}{f_0} = -0.034 \times 10^{-6} (T - 25°C)^2
\]

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**Outline (mm)**

*Outline diagram with dimensions.*

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