



### 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/°C<sup>2</sup>

### Electrical Parameters

- Load Capacitance (C<sub>L</sub>) 12.50pF
- Shunt Capacitance (C<sub>0</sub>) 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

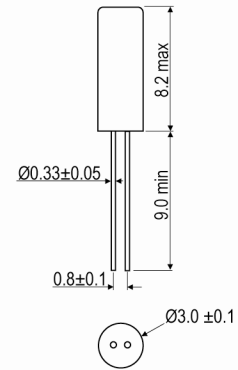
### Packaging

- Pack Type: Bulk Loose in bulk pack
- Pack Size 1,000
- Alternative packing option available

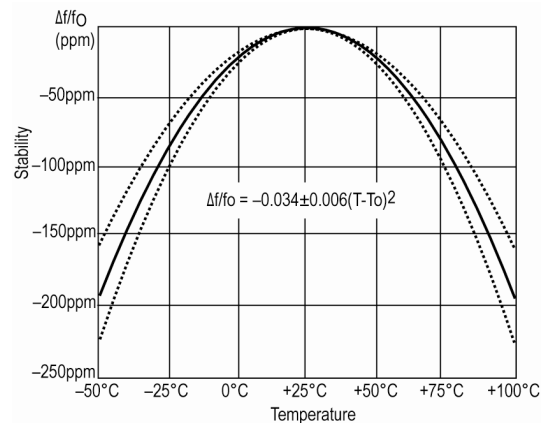
*This document is correct at the time of printing; please contact your local office for the latest version.*



### Outline (mm)



### Typical Frequency Stability Characteristics



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