



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 ± 20.00 ppm
- Operating Temperature Range -20.00 to 70.00 °C
- Overtone Order Fundamental
- Ageing ± 5 ppm max per year @ 25°C
- Frequency Stability: $-0.034 \pm 0.006 / ^\circ\text{C}^2$

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

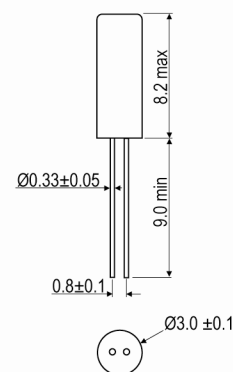
Packaging

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

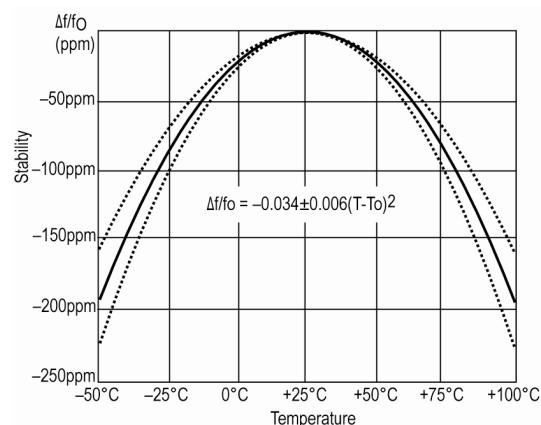
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Outline (mm)



Typical Frequency Stability Characteristics



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