ISSUE 12; February 2012 - RoHS 2011/65/EU

Description

- Leaded crystal
  Suitable for real time clock applications
  Press sealed metal can
  Available in two sizes 3x8mm and 2x6
  Please see our CFPX-56 for an SMD alternative

Frequency Range

Frequency	32.768kHz
Frequency Tolerance	±20ppm

General Specification

Load Capacitance (CL)	6.0pF to 12.5pF
Drive Level	1.0µW max
Ageing	±5ppm max per year
Shunt Capacitance (C0)	1.6pF typical

Operable Temperature Range

- -10 to 60°C

Frequency Stability

- Frequency Stability Coeffecient: -0.035/°C² typical

Environmental Parameters

- Operable Temperature Range: -10 to 60
- Storage Temperature Range: -40 to 85°C
- Drop: 75cm drop (3 times) onto hard wooden board

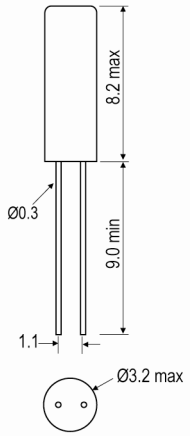
Ordering Information (*minimum required)

- Frequency*
  Model*
  Variant*
  Frequency Tolerance (@25°C)*
  Load Capacitance*
- Example
  32.768kHz WATCH-3x8
  20/-/-/12.5

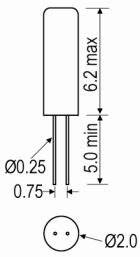
Packing Details

- Pack Style: **Bulk** Loose in bulk pack
  Pack Size 1,000
- Alternative packing options available

Outline (mm) -3X8 = -3X8



-2X6 = -2X6



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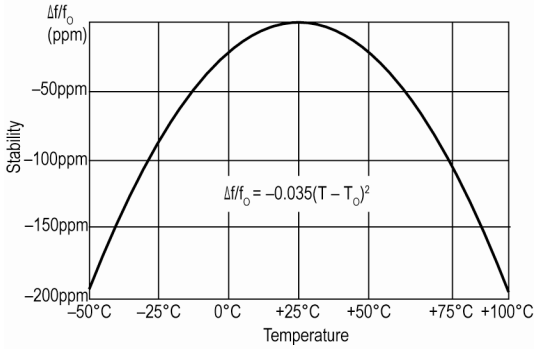
Typical Frequency Stability Characteristics



Electrical Specification - maximum limiting values

Frequency Range	Frequency Tolerance	Typical Frequency Stability Coefficient	Temperature Range	ESR Max	Vibration Mode
32.768kHz	±20ppm	-0.035ppm/°C²	-10 to 60°C	50kΩ	Tuning Fork

This document was correct at the time of printing; please contact your local sales office for the latest version

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