

CYLINDER (WATCH) CRYSTALS

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Description

- Leaded crystal
- Suitable for real time clock applications
- Press sealed metal can
- Available in two sizes 3 x 8 and 2 x 6
- Please see our CFPX-56 for an SMD alternative
- Stock parts listed at the beginning of this chapter

General Specifications

- Standard Load Capacitances (C_L): 6pF and 12.5pF
- Drive Level: 1.0 μ W max
- Ageing ± 5 ppm max per year
- Shunt Capacitance (C_0): 1.6pF typ

Standard Frequency Tolerance

- ± 20 ppm

Operable Temperature Range

- -10 to 60°C

Storage Temperature Range

- -40 to 85°C

Environmental

- Drop: 75cm drop (3 times) onto hard wooden board

Packaging

- Loose in bulk pack, 100pcs per bag

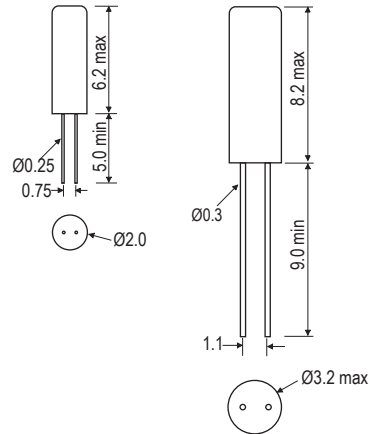
Ordering Information (*minimum required)

- Frequency*
- Model*
- Variant*
- Frequency Tolerance (@25°C)*
- Load Capacitance*

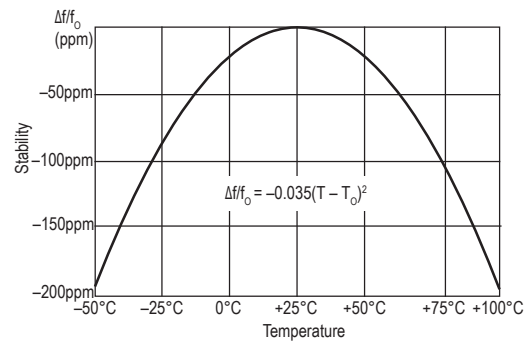
Example

- 32.768kHz WATCH-3x8
20/-/12.5

Outline (mm)



Typical Frequency Stability Characteristics



Electrical Specification - maximum limiting values

Frequency Range	Frequency Tolerance @25°C $\pm 5^\circ\text{C}$	Operable Temperature Range	Typical Frequency Stability Coefficient	ESR Max	Vibration Mode	Package Type
32.768kHz	± 20 ppm	-10 to 60°C	-0.035/°C ²	50k Ω	Tuning Fork	2x6mm & 3x8mm