

## Description

- 2 x 6mm watch crystal with pre-formed legs to make a SMD package.
- Model: CFPX-56
- Model Issue number: 6

## Frequency Parameters

- Frequency: 32.7680kHz
- Frequency Tolerance: ±20.00ppm
- Tolerance Condition: @ 25°C
- Operating Temperature Range: -- to --°C
- Overtone Order: Fundamental
- Ageing: ±5ppm max in 1st year

## Electrical Parameters

- Load Capacitance (CL): 12.50pF
- Shunt Capacitance (C0): 1.6pF typical
- Drive Level: 1.0µW max
- ESR: 40.00kΩ max
- Motional Capacitance (C1) 3.2fF typ
- Frequency Stability Coefficient: -0.034ppm/°C² ±0.006ppm/°C²

## Environmental Parameters

- High Temperature Storage: 85°C for 24hrs
- Drop: 75cm drop (3 times) onto hard wooden board
- Storage Temperature Range: -40 to 85°C

## Manufacturing Details

- Suitable for reflow soldering at 245°C max for 10sec max x 1 cycle
- Note: Do not solder the body of the device to any PCB pads. Use other bonding methods such as adhesive, sealant, sticky-pads.

## Compliance

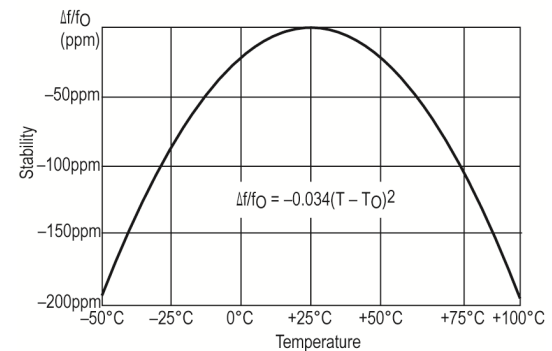
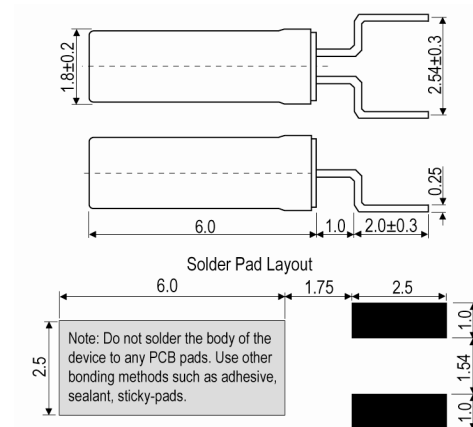
- RoHS Status (2011/65/EU): Compliant
- REACH Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

## Packaging Details

- Pack Style: Bulk Loose in bulk pack
- Pack Size: 100
- Alternative packing option available



## Outline (mm)



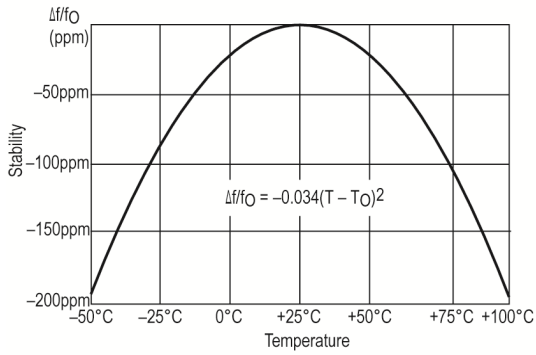
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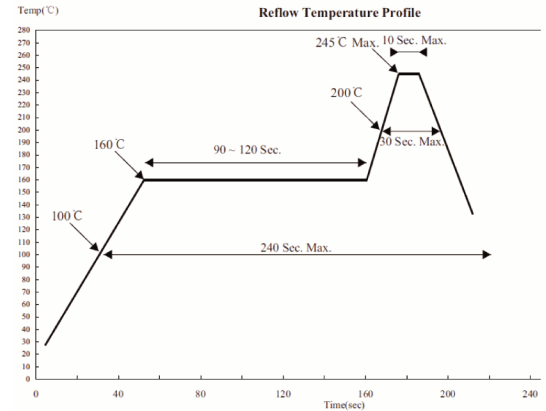
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**Typical Frequency Stability Characteristics**



**Reflow Temperature Profile**



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