

### Description

- 2 x 6mm watch crystal with pre-formed legs to make a SMD package.
- Model CFPX-56
- Model Issue number 5

### Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance  $\pm 20.00$ ppm
- Tolerance Condition @ 25°C
- Overtone Order Fundamental
- Ageing  $\pm 5$ ppm 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:  $-0.034$ ppm/°C<sup>2</sup>  $\pm 0.006$ ppm/°C<sup>2</sup>

### 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

### Compliance

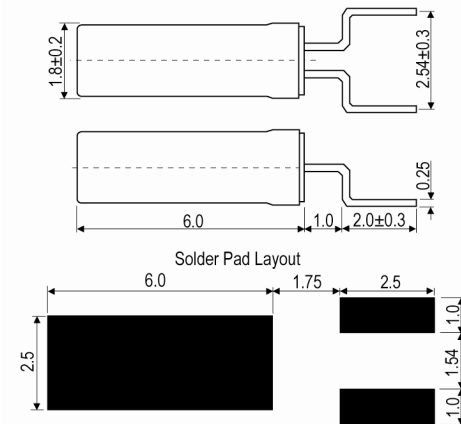
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

### Packaging Details

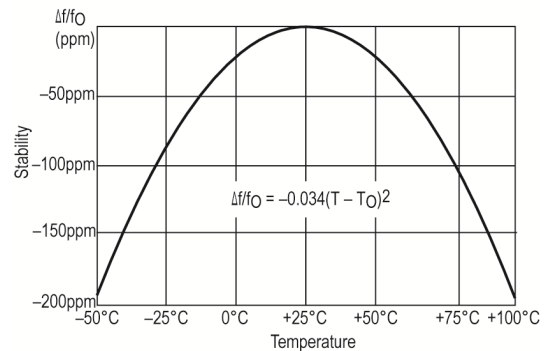
- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 3,000
- Alternative packing option available



### Outline (mm)



### Typical Frequency Stability Characteristics



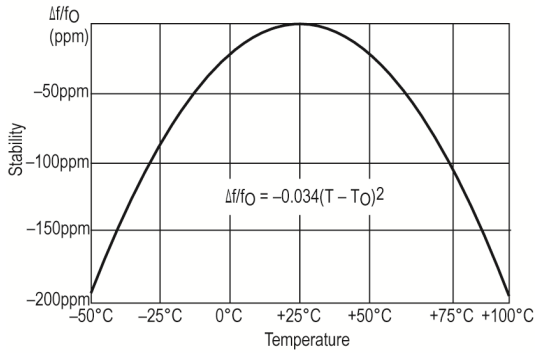
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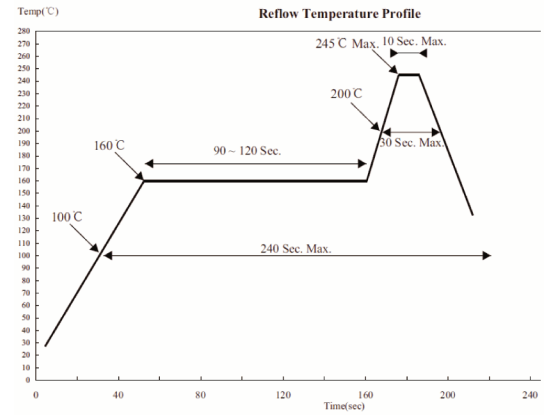
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**Typical Frequency Stability Characteristics**



**Reflow Temperature Profile**



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