

Customer Part:

Description

- 2 x 6mm watch crystal with pre-formed legs to make a SMD package.
- Model CFPX-56
- Model Issue number 7

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance $\pm 20.00\text{ppm}$
- Tolerance Condition @ 25°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ 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: $-0.034\text{ppm}/^{\circ}\text{C}^2 \pm 0.006\text{ppm}/^{\circ}\text{C}^2$

Environmental Parameters

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

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.
- RoHS Terminations SnAgCu
- RoHS Reflow Temp 245°C for 10secs max

Compliance

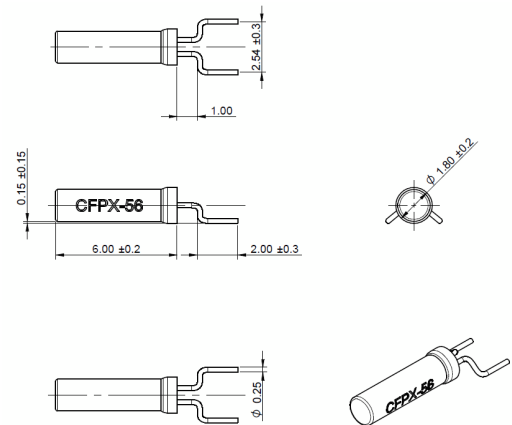
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

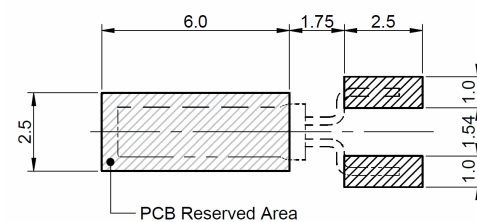
- Tape & reel in accordance with EIA-481
- Quantities below the standard reel size to be supplied on cut tape.
- Standard Quantity: 3,000 Pieces



Outline (mm)



Recommended Solder Pad Layout



NOTE: Do not solder the body of this device to any PCB pads. Use other bonding methods such as adhesive sealant, sticky pads.

Sales Office Contact Details:

UK: +44 (0)1460 270200

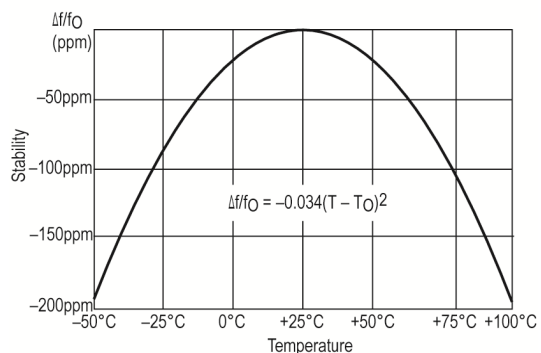
USA: +1 760 668 8935

Email: info@iqdfrequencyproducts.com

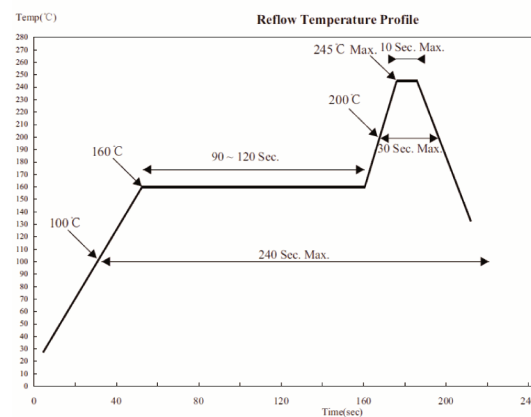
Web: www.iqdfrequencyproducts.com

Customer Part:

Typical Frequency Stability Characteristics



Reflow Temperature Profile



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