

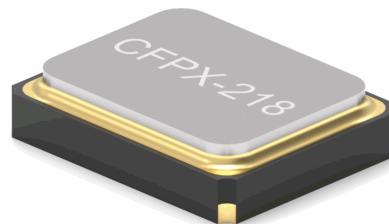
## Customer Part:

## Description

- 2.5 x 2mm SMD crystal in a hermetically sealed ceramic package with a seam sealed metal lid.
- Model CFPX-218
- Model Issue number 6

## Frequency Parameters

- Frequency 32.0MHz
- Frequency Tolerance  $\pm 10.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability  $\pm 20.00\text{ppm}$
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing  $\pm 3\text{ppm}$  max per year @ 25°C



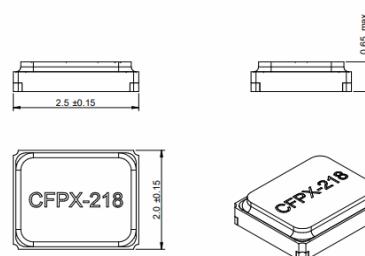
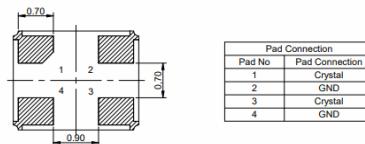
## Electrical Parameters

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100 $\mu\text{W}$  max
- ESR \*\*\*See Technical Notes\*\*\*

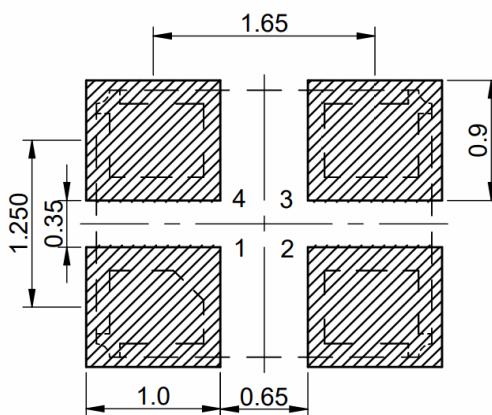
## Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Drop: 100cm drop (3 times) onto hard wooden board.
- Vibration: MIL-STD-883F, Method 2007.3: 20G (20Hz-2000Hz), 1.52mm amplitude, 20mins in 3 mutually perpendicular planes (total 4hrs).

## Outline (mm)



## Recommended Solder Pad Layout



## Manufacturing Details

- RoHS Terminations NiAu
- RoHS Reflow Temp 260°C max 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 Pack Quantity: 3,000

## Technical Notes

- ESR 50 Ohms max

## Sales Office Contact Details:

UK: +44 (0)1460 270200

Email: info@iqrdfrequencyproducts.com

Web: www.iqrdfrequencyproducts.com