

### 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 100µW 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).

#### 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

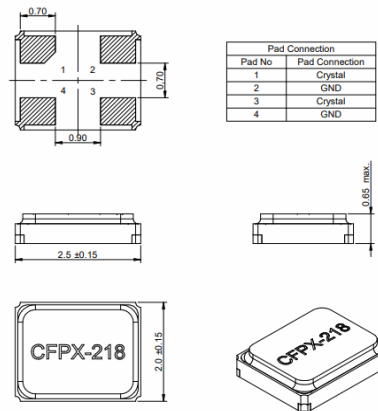
- Tape & reel in accordance with EIA-481  
Quantities below the standard reel size to be supplied on cut tape.
- Standard Pack Quantity: 3,000

#### Technical Notes

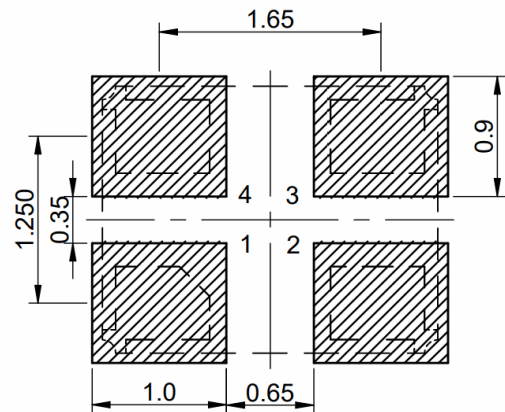
- ESR 50 Ohms max



#### Outline (mm)



#### Recommended Solder Pad Layout



#### Sales Office Contact Details:

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