

#### Description

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and with TS16949 release.
- Model CFPX-218 AUTO
- Model Issue number 1

#### Frequency Parameters

- Frequency 27.0MHz
- Frequency Tolerance  $\pm 10.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability  $\pm 100.00\text{ppm}$
- Operating Temperature Range -40.00 to 125.00°C
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm max per year @ 25°C}$

#### Electrical Parameters

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100µW max
- ESR 100.00Ω max

#### Environmental Parameters

- Storage Temperature Range: -55 to 150°C
- Qualified to AEC-Q200

#### Compliance

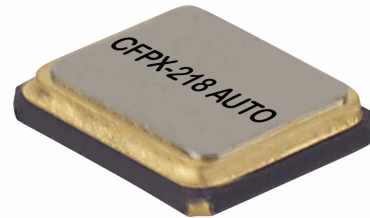
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

#### Packaging Details

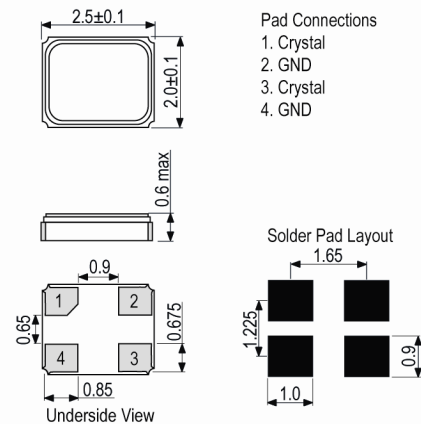
- Pack Style: Cutt In tape, cut from a reel
- Pack Size: 1
- *Alternative packing option available*

#### Technical Notes

- Released to AEC-Q200



#### Outline (mm)



#### Sales Office Contact Details:

UK: +44 (0)1460 270200  
Germany: 0800 1808 443

France: 0800 901 383  
USA: +1.760.318.2824

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)