

**Description**

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and with TS16949 release.
- Model IQXC-42 AUTO
- Model Issue number 1

**Frequency Parameters**

- Frequency 24.5760MHz
- Frequency Tolerance  $\pm 10.00$ ppm
- Tolerance Condition @ 25°C
- Frequency Stability  $\pm 100.00$ ppm
- Operating Temperature Range -40.00 to 125.00°C
- Overtone Order Fundamental
- Ageing  $\pm 5$ ppm max per year @ 25°C

**Electrical Parameters**

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100µW max
- ESR 100.00Ω max

**Environmental Parameters**

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

**Compliance**

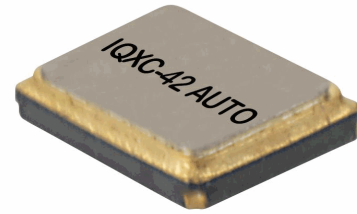
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

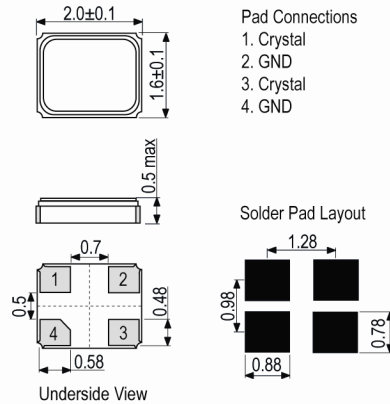
- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 1,000
- *Alternative packing option available*

**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)