

**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 20.0MHz
- 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 120.00Ω max

**Environmental Parameters**

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

**Compliance**

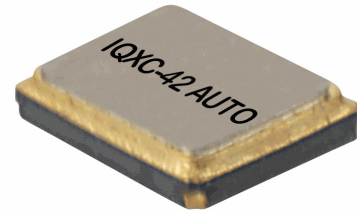
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

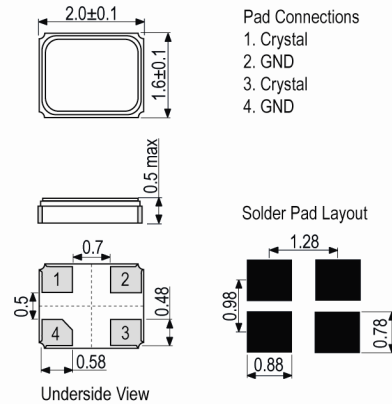
- Pack Style: Cutt In tape, cut from a reel
- Pack Size: 1
- *Alternative packing option available*

**Technical Notes**

- Released to AEC-Q200



**Outline (mm)**



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