

**Customer Part:**

**Description**

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and with IATF-16949:2016 release. Not suitable for safety critical applications.
- Model IQXC-42 AUTO
- Model Issue number 1

**Frequency Parameters**

- Frequency 48.0MHz
- Frequency Tolerance ±10.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±100.00ppm
- Operating Temperature Range -40.00 to 125.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

**Electrical Parameters**

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100µW max
- ESR 60.00Ω max

**Environmental Parameters**

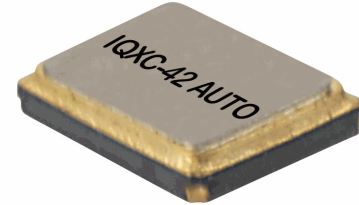
- Storage Temperature Range: -55 to 150°C
- Qualified to AEC-Q200 Rev D

**Compliance**

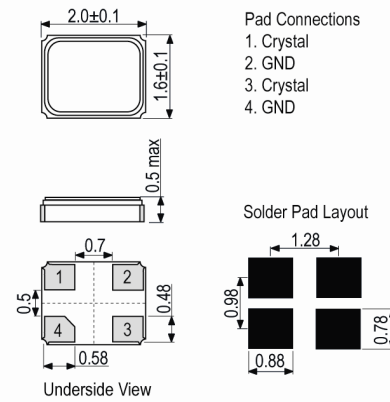
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 3,000
- *Alternative packing option available*



**Outline (mm)**



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