

## 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 16.0MHz
- 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

### Environmental Parameters

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

### Compliance

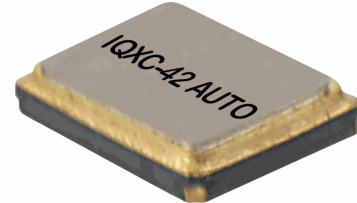
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

### Packaging Details

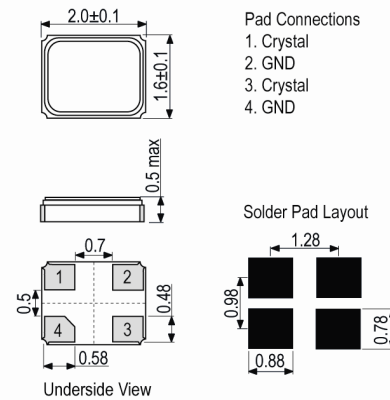
- Pack Style: **Cutt** In tape, cut from a reel
- Pack Size: 100
- *Alternative packing option available*

### Technical Notes

- *ESR: 200Ω max*



### Outline (mm)



### Sales Office Contact Details:

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