

Description

- Hermetically sealed ceramic package with a seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and available with TS16949 release.
- 2 pad
- Model IQXC-104 AUTO-A
- Model Issue number 3

Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance $\pm 50.00\text{ppm}$
- 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) 12.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 50µW typical (200µW max)
- ESR 120.00Ω max

Environmental Parameters

- Storage Temperature Range: -45°C to Max Operating Temperature+5°C
- Qualified to AEC-Q200

Manufacturing Details

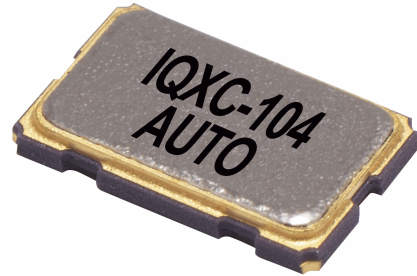
- Maximum Process Temperature: 260°C (10secs max)

Compliance

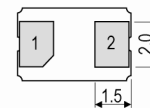
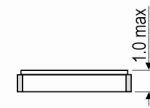
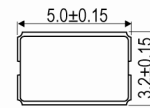
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Reel Tape & reel in accordance with EIA-481-D
Pack Size: 5,000
- Alternative packing option available



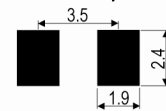
Outline (mm)



Underside View

Pad connections
1. Crystal
2. Crystal

Solder Pad Layout



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