

### Customer Part:

#### Description

- Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and available with IATF-16949:2016 release. Not suitable for safety critical applications.
- 4 pad
- Model IQXC-180 AUTO
- Model Issue number 4

#### Frequency Parameters

- Frequency 16.3840MHz
- Frequency Tolerance ±50.00ppm
- Tolerance Condition @25°C ±2°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) 8.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 50µW standard, 200µW max
- ESR 80.00Ω max

#### Environmental Parameters

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

#### Manufacturing Details

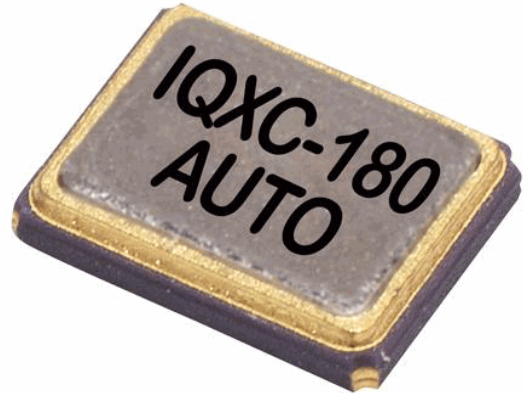
- RoHS Terminations NiAu
- RoHS Reflow Temp 260°C max for 10secs max

#### Compliance

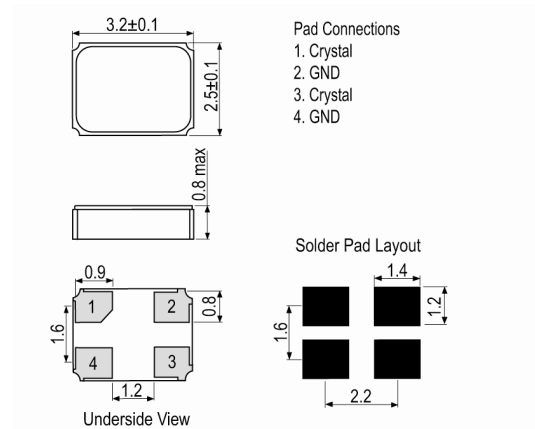
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

#### Packaging Details

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



#### Outline (mm)



#### Sales Office Contact Details:

UK: +44 (0)1460 270200

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)

Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)