



Description

Ceramic package with a hermetically seam sealed metal lid suitable for automotive applications. Qualified to AEC-Q200 and available with TS16949 release.

| | |
|--------------------|-----------------|
| Model | IQXC-180 AUTO-B |
| Model Issue number | 2 |

Frequency Parameters

| | |
|-----------------------------|---------------------------|
| Frequency | 24.0MHz |
| Frequency Tolerance @ 25°C | ±20.00ppm |
| Frequency Stability | ±30.00ppm |
| Operating Temperature Range | -40.00 to 85.00°C |
| Overtone Order | Fundamental |
| Ageing | ±5ppm max per year @ 25°C |

Electrical Parameters

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|-------------------------------------|---------------|
| Load Capacitance (C _L) | 18.00pF |
| Shunt Capacitance (C ₀) | 7pF max |
| Drive Level | 50µW standard |
| ESR | 100Ω max |

Environmental Parameters

| | |
|----------------------------|--------------|
| Storage Temperature Range: | -40 to 150°C |
|----------------------------|--------------|

Compliance

| | |
|--------------|-----------|
| RoHS Status | Compliant |
| REACH Status | Compliant |

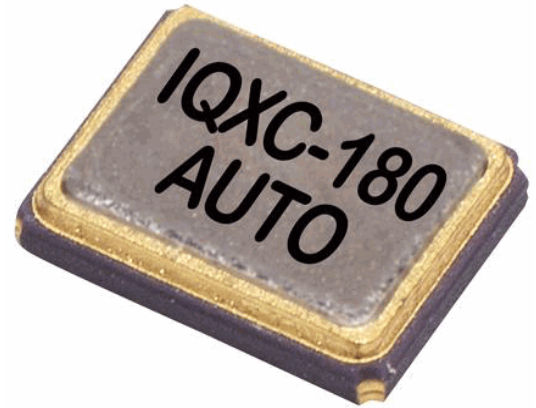
Packaging

| | |
|-----------------|--|
| Pack Type: Reel | Tape and reel in accordance with EIA-481-D |
|-----------------|--|

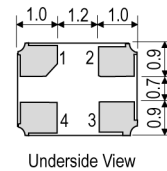
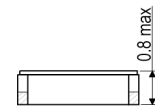
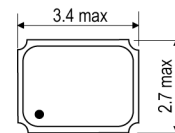
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| Pack Size | 1,000 |
|-----------|-------|

Alternative packing option available

This document is correct at the time of printing; please contact your local office for the latest version.

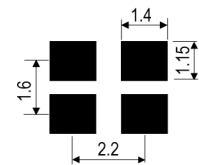


Outline (mm)



- Pad Connections
1. Crystal
 2. GND
 3. Crystal
 4. GND

Solder Pad Layout



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