



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	16.0MHz
Frequency Tolerance @ 25°C	±50.00ppm
Frequency Stability	±150.00ppm
Operating Temperature Range	-40.00 to 125.00°C
Overtone Order	Fundamental
Ageing	±5ppm max per year @ 25°C

Electrical Parameters

Load Capacitance (C _L)	8.00pF
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

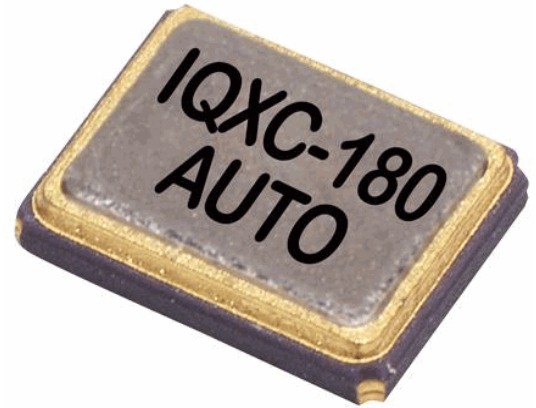
Packaging

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

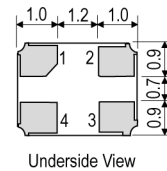
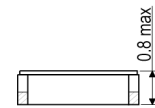
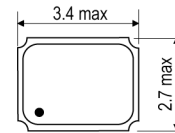
Pack Size	1,000
-----------	-------

Alternative packing option available

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

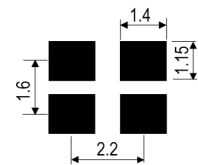


Outline (mm)



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

Solder Pad Layout



Contact Details:

UK: +44 (0)1460 270200
Germany: +49 (0)7264 9145-0

Taiwan: +886 (0)2 8758 2283
USA: +1 (0) 650 798 5047

Email: info@iqdfrequencyproducts.com
Web: www.iqdfrequencyproducts.com