



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**Description**

- 2 x 1.6mm SMD crystal  
Ceramic package with a seam sealed metal lid, hermetically sealed
- Model IQXC-42
- Model Issue number 1

**Frequency Parameters**

- Frequency 26.0MHz
- Frequency Tolerance  $\pm 10.00\text{ppm}$
- Frequency Stability  $\pm 10.00\text{ppm}$
- Operating Temperature Range  $-20.00$  to  $75.00^\circ\text{C}$
- Overtone Order Fundamental
- Ageing  $\pm 3\text{ppm}$  max per year @  $25^\circ\text{C}$

**Electrical Parameters**

- Load Capacitance (CL) 12.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100 $\mu\text{W}$  max
- ESR 100.00 $\Omega$  max

**Environmental Parameters**

- Shock: IEC 60068-2-27: 1000G, 1ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: IEC 60068-2-6: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane (total 6hrs)
- Storage Temperature Range:  $-55$  to  $125^\circ\text{C}$

**Manufacturing Details**

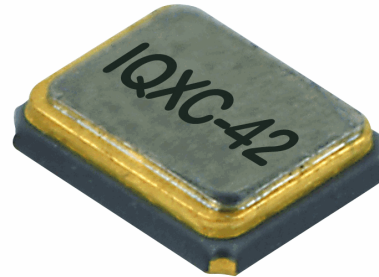
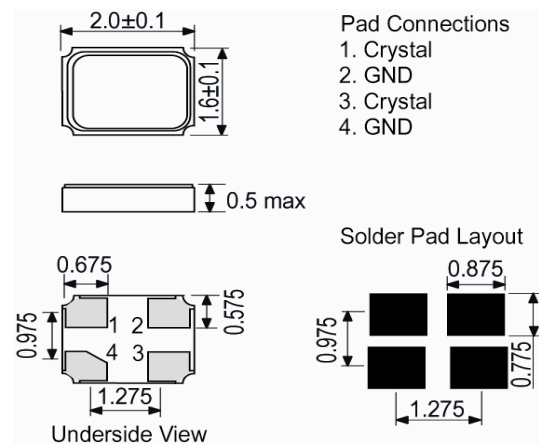
- RoHS Terminations NiAu
- RoHS Reflow Temp 260degC 10s

**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: 1,000
- *Alternative packing option available*


**Outline (mm)**

**Sales Office Contact Details:**

 UK: +44 (0)1460 270200  
 Germany: 0800 1808 443

 France: 0800 901 383  
 USA: +1.760.318.2824

 Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)  
 Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)