

Description

- 2 x 1.2mm SMD crystal in a hermetically sealed ceramic package with an electron beam sealed metal lid
Suitable for real time clock applications
- Model IQXC-25
- Model Issue number 3

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance ±20.00ppm
- Tolerance Condition @ 25°C ±5°C
- Overtone Order Fundamental
- Ageing ±3ppm max per year at 25°C
- Frequency Stability Coefficient: -0.03/°C² typ
- Motional Capacitance (C1): 7fF typ

Electrical Parameters

- Load Capacitance (CL) 9.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 500nW max
- ESR 90.00kΩ max

Environmental Parameters

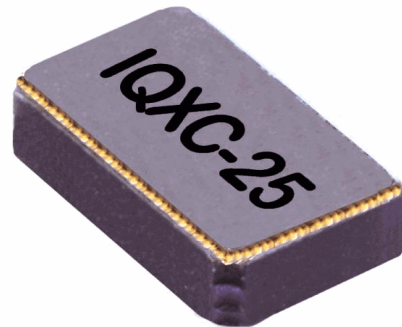
- Storage Temperature Range: -40 to 85°C
- Shock: IEC 60068-2-27: 1000G, 1ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: IEC 60068-2-6: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane (total 6hrs)

Compliance

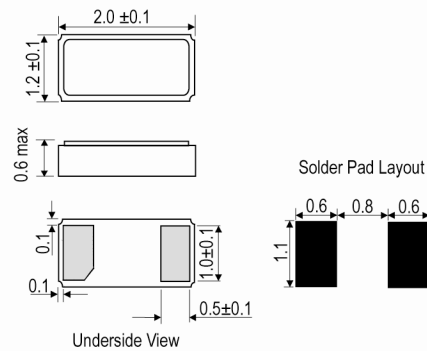
- RoHS Status (2011/65/EU) Compliant
- REACh Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

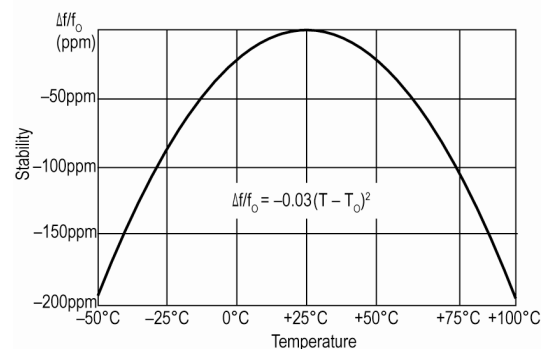
- Pack Style: Reel Tape & reel in accordance with EIA-481-D
Pack Size: 3,000
- Alternative packing option available



Outline (mm)



Typical Frequency Stability Characteristics



Sales Office Contact Details:

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

France: 0800 901 383
USA: +1 408.273.4530

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