



### 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 @ 25°C ±20.00ppm
- Overtone Order Fundamental
- Ageing ±3ppm max per year at 25°C
- Frequency Stability Coefficient: -0.03/°C<sup>2</sup> typ

### Electrical Parameters

- Load Capacitance (C<sub>L</sub>) 12.50pF
- Shunt Capacitance (C<sub>0</sub>) 7pF max
- Drive Level 500nW max
- ESR 90kΩ 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: -40 to 85°C

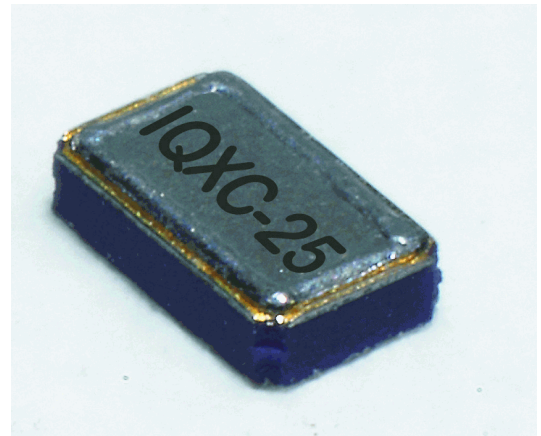
### Compliance

- RoHS Status Compliant
- REACH Status Compliant

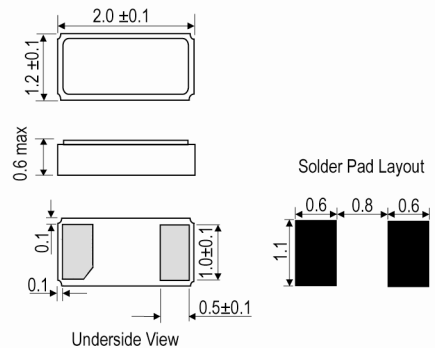
### Packaging

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

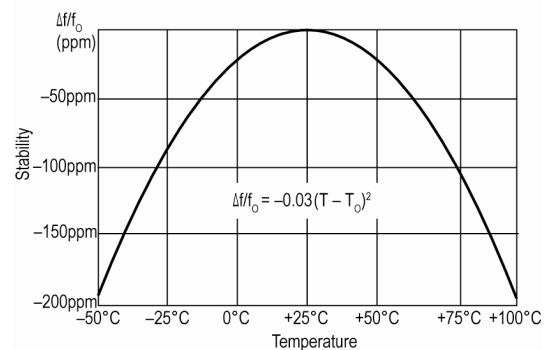
*This document is correct at the time of printing; please contact your local office for the latest version.*



### Outline (mm)



### Typical Frequency Stability Characteristics



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