



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/°C² typ

Electrical Parameters

- Load Capacitance (C_L) 12.50pF
- Shunt Capacitance (C₀) 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

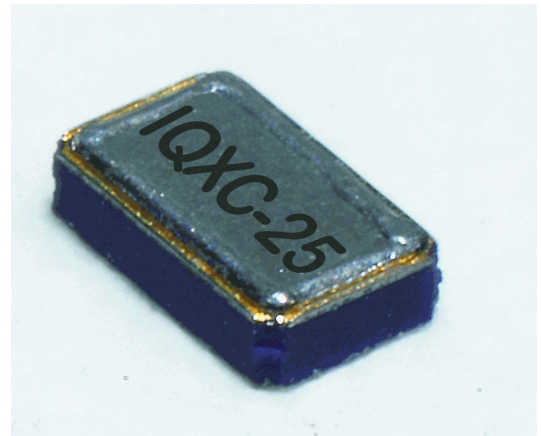
Compliance

- RoHS Status Compliant
- REACH Status Compliant

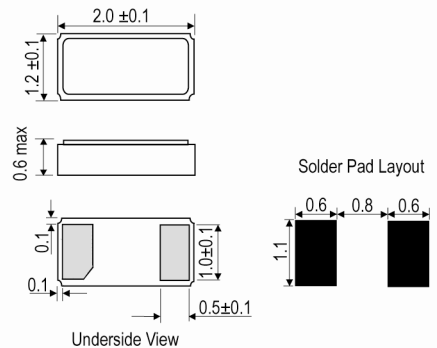
Packaging

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

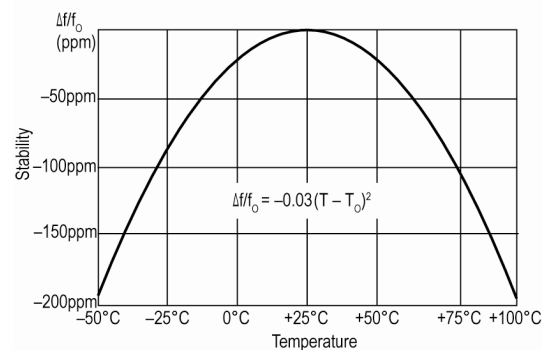
This document is correct at the time of printing; please contact your local office for the latest version.



Outline (mm)



Typical Frequency Stability Characteristics



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