



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 ² typ	

Electrical Parameters

■ Load Capacitance (C _L)	12.50pF
■ Shunt Capacitance (C ₀)	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

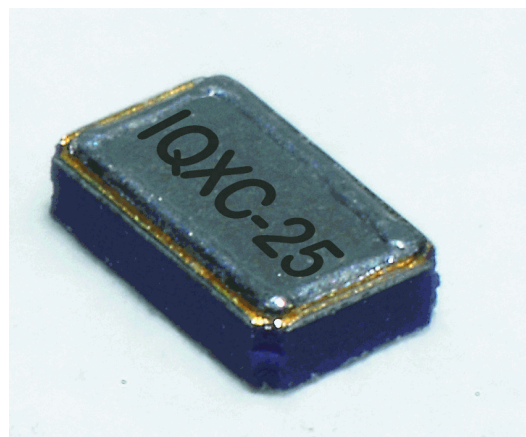
Compliance

■ RoHS Status	Compliant
■ REACh Status	Compliant

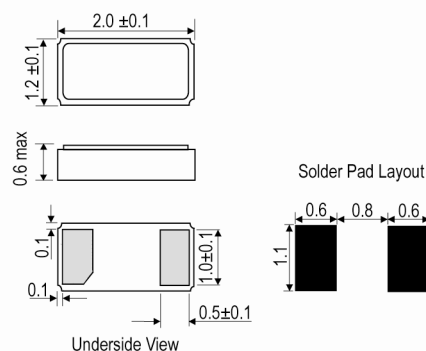
Packaging

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

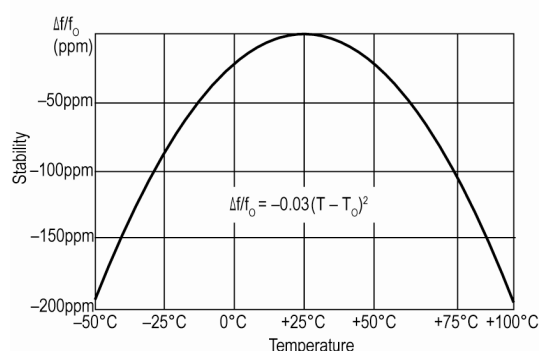
This document is correct at the time of printing; please contact your local office for the latest version.



Outline (mm)



Typical Frequency Stability Characteristics



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