

Customer Part:

Description

- 5 x 3.2mm SMD crystal with 2 pads in a hermetically sealed ceramic package with a metal lid.
- Model IQXC-49
- Model Issue number 2

Frequency Parameters

- Frequency 10.0MHz
- Frequency Tolerance $\pm 30.00\text{ppm}$
- Tolerance Condition @ 25°C
- Frequency Stability $\pm 30.00\text{ppm}$
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 18.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 50µW typ, 200µW max
- ESR 150.00Ω max

Environmental Parameters

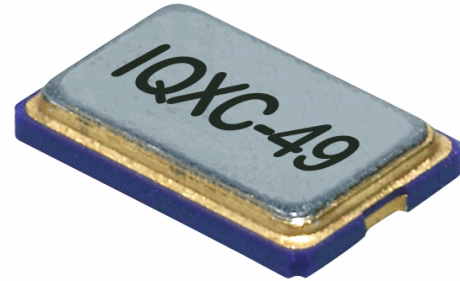
- Storage Temperature Range: -40 to 85°C
- Shock: 1/2 sine pulse with peak acceleration 2000G, pulse duration 0.3ms
- Vibration: Frequency 10-55Hz, amplitude 0.7 to 0.9mm pk-pk, sweep 1min, duration 2hrs in each of 3 mutually perpendicular planes

Compliance

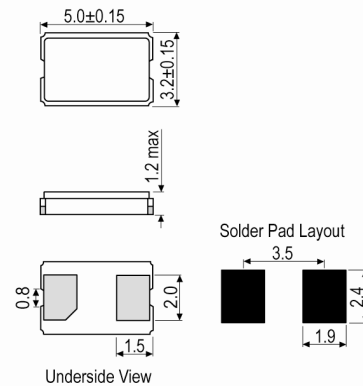
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

- Pack Style: Reel Tape & reel in accordance with EIA-481-D
Pack Size: 1,000
- *Alternative packing option available*



Outline (mm)



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