



Quartz Crystal Specification

IQD Part No. + Packaging: LFX TAL080491Reel

Würth Part No. **830108049101**



Description

- Quartz crystal in a ceramic package with a electro beam sealed metal lid.
- Model IQXC-240
- Model Issue number 4

Frequency Parameters

- Frequency 48.0MHz
- Frequency Tolerance $\pm 10.00\text{ppm}$
- Frequency Stability $\pm 10.00\text{ppm}$
- Operating Temperature Range -30.00 to 85.00°C
- Overtone Order Fundamental

Electrical Parameters

- Load Capacitance (CL) 8.00pF
- Drive Level 100 μW max
- ESR 60.00 Ω max

Environmental Parameters

- Storage Temperature Range: -55 to 125°C

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-481D
Pack Size: 5,000
- *Alternative packing option available*

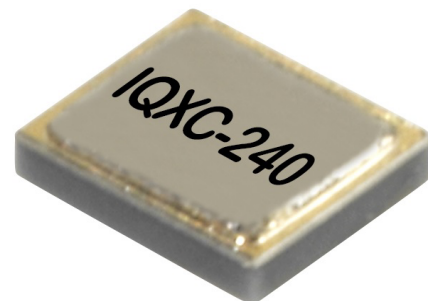
USEFUL LINKS

Toolbox:

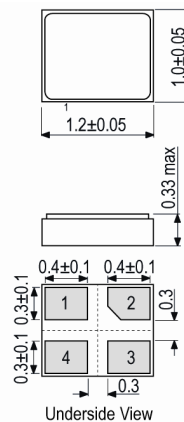
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Outline (mm)

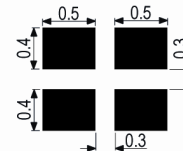


Pad Connections

1. Crystal
2. GND(Lid)
3. Crystal
4. N/C

Note: connect pad 2 to GND for correct operation.

Solder Pad Layout



CONTACT INFORMATION:

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