

Customer Part:

Description

- 2 x 1.6mm SMD crystal
Ceramic package with a seam sealed metal lid, hermetically sealed
- Model IQXC-42
- Model Issue number 2

Frequency Parameters

- Frequency 48.0MHz
- Frequency Tolerance $\pm 15.00\text{ppm}$
- Frequency Stability $\pm 20.00\text{ppm}$
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing $\pm 3\text{ppm}$ per year

Electrical Parameters

- Load Capacitance (CL) 10.00pF
- Shunt Capacitance (C0) 3pF max
- Drive Level 100 μW max
- ESR 60.00 Ω max

Environmental Parameters

- Storage Temperature Range: -55 to 125°C

Compliance

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

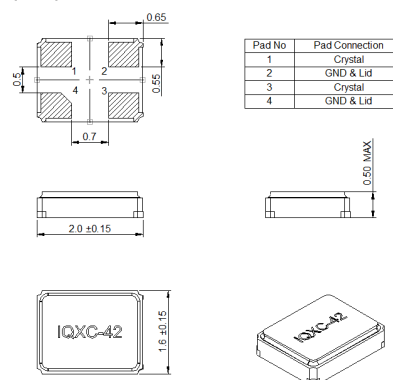
Packaging Details

- Tape & reel in accordance with EIA-481
Quantities below the standard reel size to be supplied on cut tape.

Standard Pack Quantity: 3,000

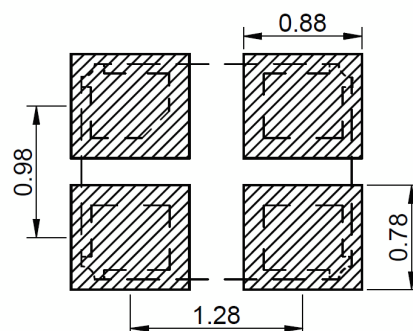


Outline (mm)



Note: The pad style on the base of the device may differ slightly from the drawing.
The chamfer may appear on pad 2 or 4.
This causes no change to the electrical performance of the device.

Recommended solder pad layout



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