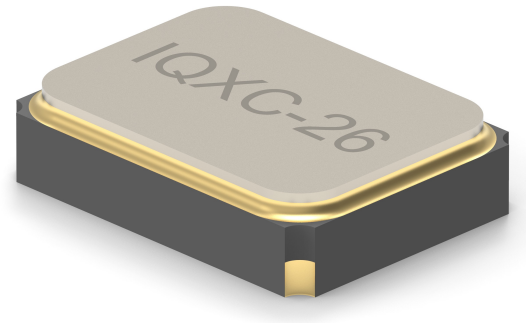
Quartz Crystal Specification

IQD Part No. + Packaging: LFXTAL081619Reel
Wurth Part No. ***830108161901***

Description

- Standard 1.6 x 1.2mm SMD crystal in a hermetically sealed ceramic package with a sealed metal lid
- Model IQXC-26
- Model Issue number 4



Frequency Parameters

- Frequency 40.0MHz
- Frequency Tolerance ±10.00ppm
- Tolerance Condition @ 25°C
- Frequency Stability ±20.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing ±5ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 8.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100µW max
- ESR 100.00Ω max

Environmental Parameters

- Storage Temperature Range: –40 to 85°C
- 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)

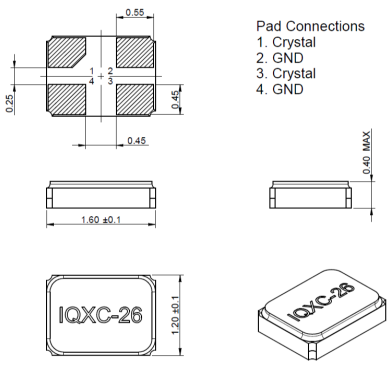
Compliance

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

Packaging Details

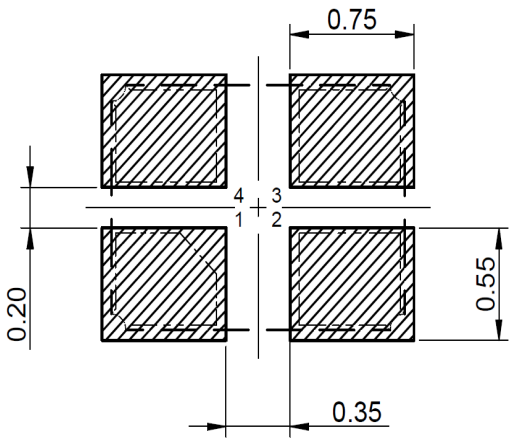
- Pack Style: Reel Tape & reel in accordance with EIA-481-D
  Pack Size: 3,000
- *Alternative packing option available*

Outline (mm)



NOTE: The pad style on the base of the device may differ slightly from the drawing. The chamfer may appear on pad 1 or 4. This causes no change to the electrical performance of the device.

Recommended Solder Pad Layout



U S E F U L L I N K S

Toolbox:
www.we-online.com/toolbox

Product Catalog:
www.we-online.com/products

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830032817 636201040300 71206415 744052002 7443633300 744393665015 140816144200 620307124022 865080457015 560112110188 560112110239 665102131822 714726110106 74437529203220 810912012 830003237 784773147 860080275016 64900221122 687750225002 78438335033HT 810913006 971100477 64900821122 686124183822 782963560 865230657014 687640141002 74408942330 74438334022