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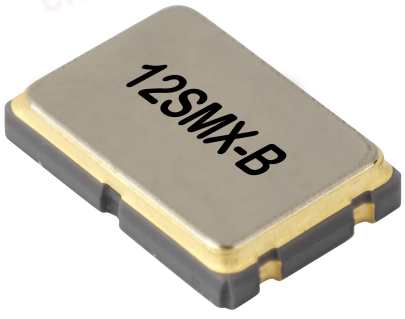
# Quartz Crystal Specification

*IQD Part No. + Packaging: LFXTAL059082Reel*
*Wurth Part No.* ***830059082***

## Description

- Standard 7 x 5mm SMD crystal
- 4 pad (metal lid)

  A ceramic package with a seam sealed metal lid, hermetically sealed. 4 pad device metal lid.
- Model 12SMX-B
- Model Issue number 14




## Frequency Parameters

- Frequency 8.0MHz
- Frequency Tolerance ±20.00ppm
- Frequency Stability ±50.00ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing ±5ppm per year max

## Electrical Parameters

- Load Capacitance 10.00pF
- Shunt Capacitance 7pF max
- Drive Level 100µW max
- ESR 80.00Ω max

## Environmental Parameters

- Storage Temperature Range: -40 to 125°C

## Manufacturing Details

- RoHS Terminations NiAu
- RoHS Reflow Temp 260degC 10s

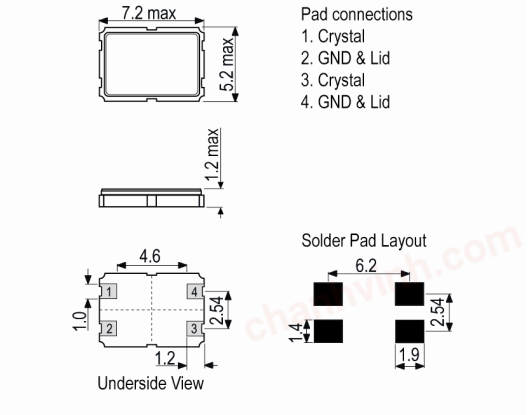
## Compliance

- 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-481-D
  Pack Size: 1,000
- *Alternative packing option available*

**Outline (mm)**




**USEFUL LINKS**

**Toolbox:**
www.we-online.com/toolbox

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

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