



Quartz Crystal Specification

IQD Part No. + Packaging: LFX TAL059082Reel

Würth 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 $\pm 20.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ per year max

Electrical Parameters

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

USEFUL LINKS

Toolbox:

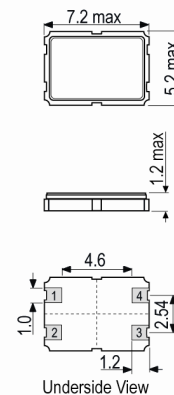
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Product Catalog:

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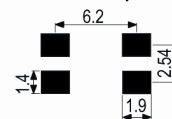
Outline (mm)



Pad connections

1. Crystal
2. GND & Lid
3. Crystal
4. GND & Lid

Solder Pad Layout



CONTACT INFORMATION:

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