

Product Spotlight

New Small - smaller - JXS10P4

With the JXS10P4, Jauch presents another miniature quartz crystal within its automotive product line. The SMD megahertz quartz crystal impresses with its compact dimensions, high frequency stability and mechanical robustness:



3 technical properties:

- Miniature format 1.2 x 1.0 x 0.3 mm for space-saving integration in compact designs.
- Low ESR for high startup reliability
- AEC-Q200 qualified – therefore suitable for particularly demanding applications

3 typical areas of application:

- Communication systems in the vehicle environment that rely on precise timing (V2X, V2V)
- Keyless Go systems - access systems where reliable radio connections are crucial.
- Applications such as tire pressure monitoring systems, which must function stably under changing environmental conditions.

3 special features:

- The HMR (High Mechanical Reliability) version offers shock resistance up to 3000G and vibration resistance up to 20G
- One of the smallest SMD MHz crystals on the market and enables further miniaturization of electronic systems
- With a frequency tolerance of up to ± 10 ppm, the JXS10P4 offers precise timing for time-critical applications

The Specialist for Frequency Control Products

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