



Description

- Industry standard SMD crystal
Plastic encapsulated
Low profile version also available please contact our sales offices for details
- Model: 86SMX
- Model Issue number: 10

Frequency Parameters

- Frequency: 16.0MHz
- Frequency Tolerance @ 25°C: $\pm 50.00\text{ppm}$
- Frequency Stability: $\pm 100.00\text{ppm}$
- Operating Temperature Range: -20.00 to 70.00°C
- Overtone Order: Fundamental
- Ageing: $\pm 5\text{ppm}$ max per year at 25°C

Electrical Parameters

- Load Capacitance (C_L): 20.00pF
- Shunt Capacitance (C_0): 5pF max
- Drive Level: 100 μ W max
- ESR: 35 Ω max

Environmental Parameters

- Vibration: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane
- Storage Temperature Range: -40 to 90°C
- Drop: 75cm drop (3 times) onto hard wooden board

Compliance

- RoHS Status: Compliant
- REACH Status: Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging

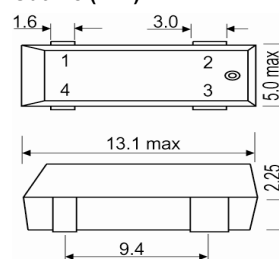
- Pack Type: Bulk: Loose in bulk pack
- Pack Size: 100

- Alternative packing option available

This document is correct at the time of printing; please contact your local office for the latest version.

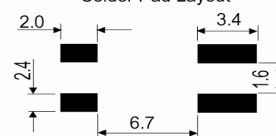


Outline (mm)



Pad Connections
1. Crystal
2. N/C
3. N/C
4. Crystal

Solder Pad Layout



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