

**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 12.0MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- 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 (CL) 16.00pF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100µW max
- ESR 50.00Ω max

**Environmental Parameters**

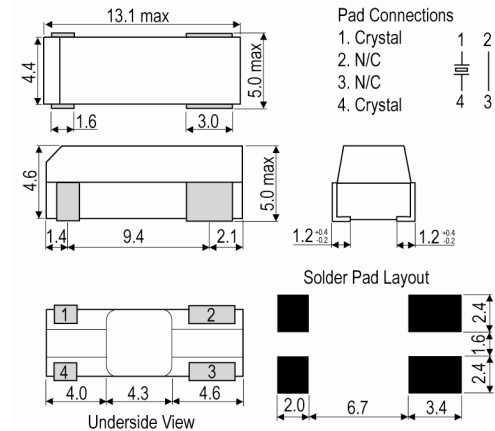
- Storage Temperature Range: -40 to 90°C
- Drop: 75cm drop (3 times) onto hard wooden board
- Vibration: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane

**Compliance**

- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

- Pack Style: Bulk Loose in bulk pack
- Pack Size: 100
- *Alternative packing option available*


**Outline (mm)**

**Sales Office Contact Details:**

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