

**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  $\pm 50.00\text{ppm}$
- Frequency Stability  $\pm 100.00\text{ppm}$
- Operating Temperature Range  $-20.00$  to  $70.00^\circ\text{C}$
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm}$  max per year at  $25^\circ\text{C}$

**Electrical Parameters**

- Load Capacitance (CL) SRpF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100 $\mu$ W max
- ESR 35.00 $\Omega$  max

**Environmental Parameters**

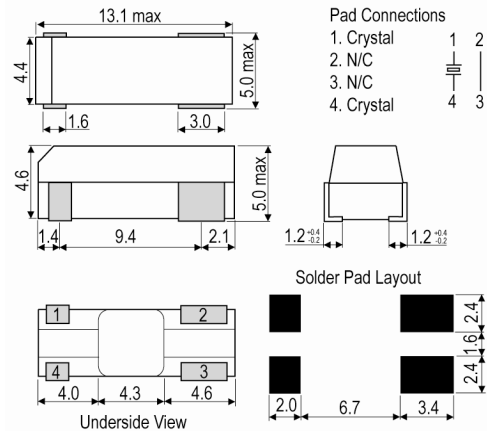
- Storage Temperature Range:  $-40$  to  $90^\circ\text{C}$
- Drop: 75cm drop (3 times) onto hard wooden board
- Vibration: 1.5mm amplitude, 10Hz-55Hz, 1min in 3 mutually perpendicular planes, duration 2hrs each plane

**Compliance**

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

**Packaging Details**

- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 1,000
- *Alternative packing option available*


**Outline (mm)**

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