

### 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 24.0MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- Frequency Stability  $\pm 50.00\text{ppm}$
- Operating Temperature Range  $-40.00$  to  $85.00^\circ\text{C}$
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm}$  max per year at  $25^\circ\text{C}$

### Electrical Parameters

- Load Capacitance (CL) 30.00pF
- Shunt Capacitance (C0) 5pF max
- Drive Level 100 $\mu$ W max
- ESR 25.00 $\Omega$  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

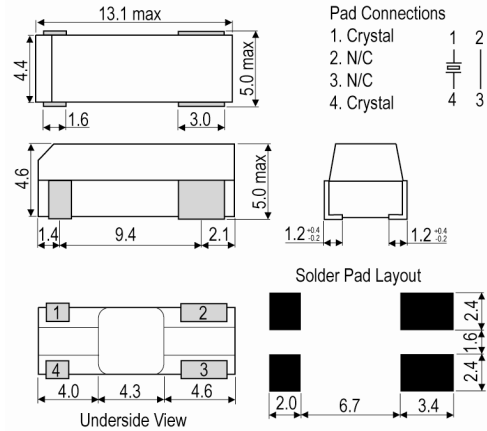
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

### Packaging Details

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



### Outline (mm)



### Sales Office Contact Details:

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