



Description

- Industry standard SMD package with 5.5mm lead spacing
Suitable for real time clock applications
Plastic encapsulated
- Model: 85SMX
- Model Issue number: 9

Frequency Parameters

- Frequency: 32.7680kHz
- Frequency Tolerance @ 25°C: ±20.00ppm
- Operating Temperature Range: -40.00 to 85.00 °C
- Overtone Order: Fundamental
- Ageing: ±5ppm max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL): 12.50pF
- Shunt Capacitance (C0): 1pF typ
- Drive Level: 1.0µW max
- ESR: 50kΩ max

Environmental Parameters

- Vibration: 1.5mm amplitude, 10Hz-60Hz, 2-3mins in 3 mutually perpendicular planes, duration 2hrs each plane
- Storage Temperature Range: -55 to 125°C
- Drop: 75cm drop (3 times) onto hard wooden board

Compliance

- RoHS Status: Compliant
- REACH Status: Compliant

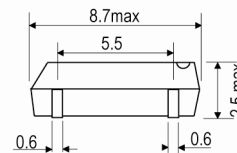
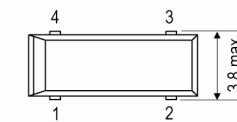
Packaging

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

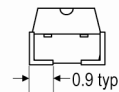
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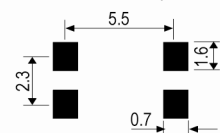
Outline (mm)



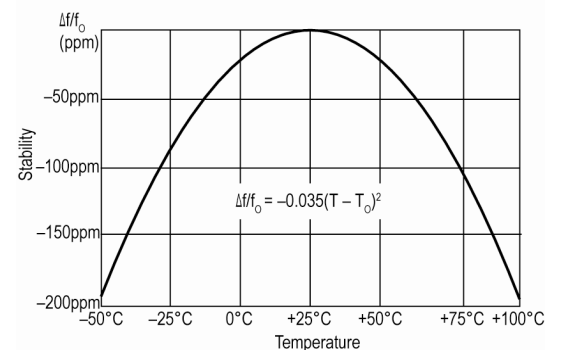
- Pad Connection
- Crystal
 - N/C
 - N/C
 - Crystal



Solder Pad Layout



Typical Frequency Stability Characteristics



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