

Customer Part:

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 32.768kHz
- Frequency Tolerance $\pm 20.00\text{ppm}$
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ max per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 12.50pF
- Shunt Capacitance (C0) 1pF typ
- Drive Level 1.0μW max
- ESR 50.00kΩ max

Environmental Parameters

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

Manufacturing Details

- Not suitable for use with ultrasonic cleaning techniques
- RoHS Terminations Matte Sn
- RoHS Reflow Temp 260°C 10s max

Compliance

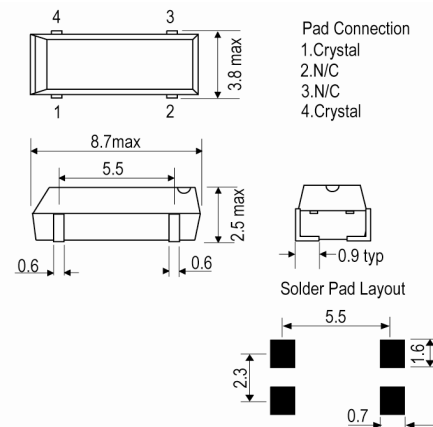
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

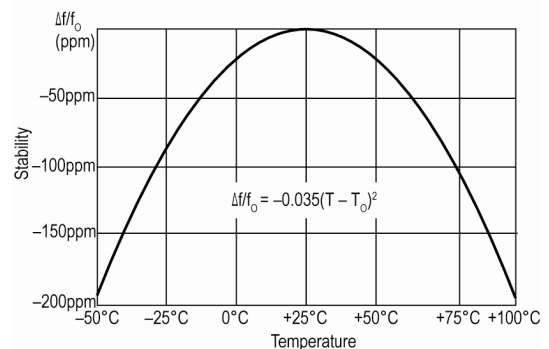
- Pack Style: Bulk Loose in bulk pack
Pack Size: 100
- *Alternative packing option available*



Outline (mm)



Typical Frequency Stability Characteristics



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