



Customer Part: XTAL017503

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) 6.00pF
- Shunt Capacitance (Co) 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

Manufacturing Details

- Not suitable for use with ultrasonce cleaning techniques

Compliance

- RoHS Status Compliant
- REACh Status Compliant

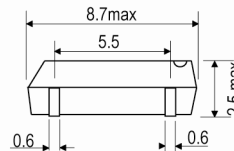
Packaging

- Pack Type: Reel Tape and reel in accordance with EIA-481-D
- Pack Size 3,000
- Alternative packing option available

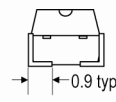
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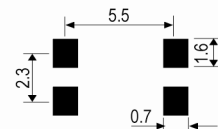
Outline (mm)



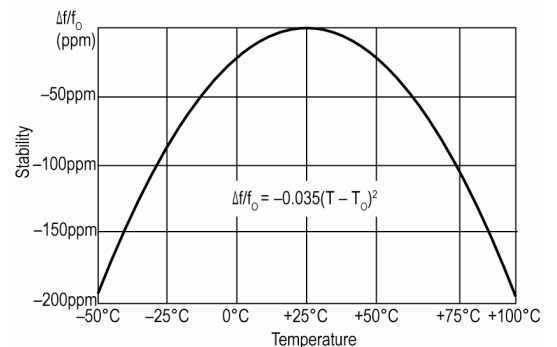
- Pad Connection
- 1.Crystal
 - 2.N/C
 - 3.N/C
 - 4.Crystal



Solder Pad Layout



Typical Frequency Stability Characteristics



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