

Customer Part:
Description

- Metal can package mounted on an SMD base. Resistance welded, hermetically sealed in an inert atmosphere, glass to metal seals on leads.
- Model 87SMX
- Model Issue number 9

Frequency Parameters

- Frequency 12.0MHz
- Frequency Tolerance ±50.00ppm
- Tolerance Condition @ 25°C ±2°C
- Frequency Stability ±100.00ppm
- Operating Temperature Range -40.00 to 85.00°C
- Overtone Order Fundamental
- Ageing ±5ppm typ per year @ 25°C

Electrical Parameters

- Load Capacitance (CL) 30.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 50µW typ, 300µW max
- ESR 40.00Ω max

Environmental Parameters

- Storage Temperature Range: -55 to 125°C
- Shock: 981m/s², 6ms, 3 times in each of 3 mutually perpendicular planes
- Vibration: 10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s², 30mins in 3 mutually perpendicular planes

Manufacturing Details

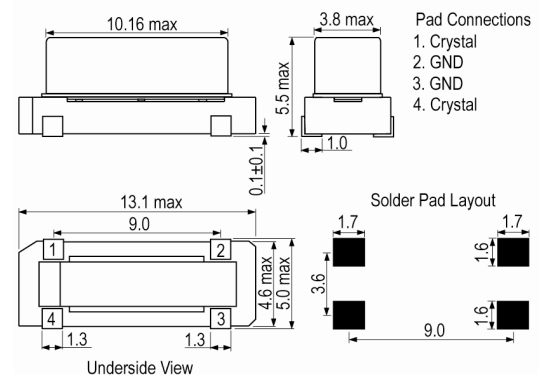
- Please note that this part is NOT suitable for inverted reflow process. Please contact our application support team if this is necessary.
- RoHS Terminations SnAgCu
- RoHS Reflow Temp 260degC 10s

Compliance

- RoHS Status (2015/863/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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