

Description

- Industry standard SMD package with 5.5mm lead spacing.
Suitable for real time clock applications.
Plastic encapsulated.
- Model 85SMX
- Model Issue number 11

Frequency Parameters

- Frequency 32.7680kHz
- Frequency Tolerance ± 20.00 ppm
- Overtone Order Fundamental
- Ageing ± 5 ppm max per year @25°C

Electrical Parameters

- Load Capacitance (CL) 6.00pF
- Shunt Capacitance (C0) 1pF typ, 2.5pF max
- Drive Level 1.0 μ W max
- ESR 50.00k Ω 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 Ag, Sn
- RoHS Reflow Temp 260°C max over 10 seconds

Compliance

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

Packaging Details

- Tape & reel in accordance with EIA-481
Quantities below the standard reel size to be supplied on cut tape.
Standard Quantity: 3,000 Pieces

USEFUL LINKS

Toolbox:

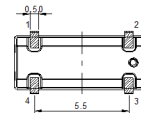
www.we-online.com/toolbox

Product Catalog:

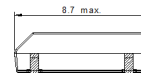
www.we-online.com/products



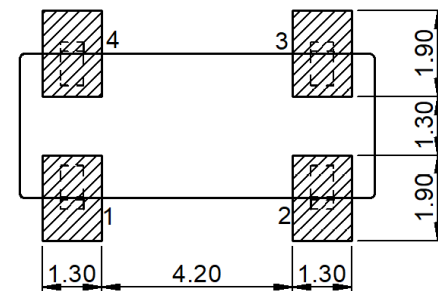
Outline (mm)



Pad No.	Pad Connection
1	Crystal
2	GND
3	GND
4	Crystal



Recommended Solder Pad Layout

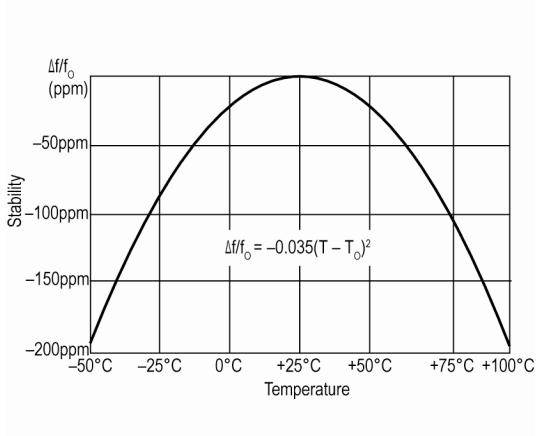


CONTACT INFORMATION:

Würth Elektronik eiSos GmbH & Co. KG
Max-Eyth-Str. 1, 74638 Waldenburg, Germany
Tel: +49(0) 7942 945-0

Email: eiSos@we-online.de
Web: www.we-online.com

Typical Frequency Stability Characteristics



CONTACT INFORMATION:

Würth Elektronik eiSos GmbH & Co. KG
Max-Eyth-Str. 1, 74638 Waldenburg, Germany
Tel: +49(0) 7942 945-0

Email: eiSos@we-online.de
Web: www.we-online.com