

Series7R



SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: 7R327680001MBL

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The design, manufacturing process, and specifications of this device are subject to change without notice.

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SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL

FEATURE

- Wide Frequency range
- Small size
- Tape & Reel
- Reflow available

APPLICATIONS

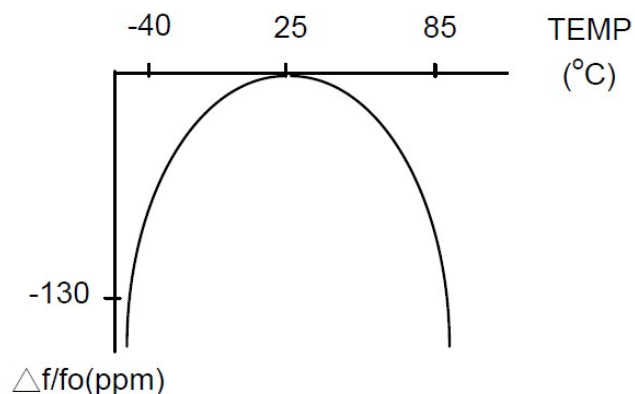
- Microprocessor Systems
- Consumer Electronics

ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
ESR	90Kohm Max
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C ²
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C0)	1.3pF Typ
Dynamic Capacitance (C1)	2.4fF Typ
Driver Level (Typical)	1 µW Max
Load Capacitance (CL)	12.5 pF
Aging @25°C 1 st year (Max)	±3ppm/year

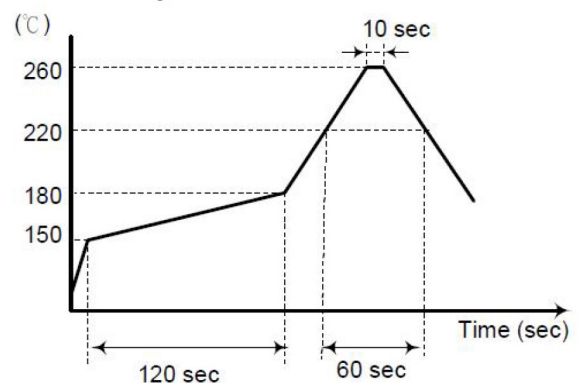
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

Frequency VS Temperature Curve



Reflow Soldering Profile

Total Time: 200 sec. Max.
Solder Melting Point :220 °C



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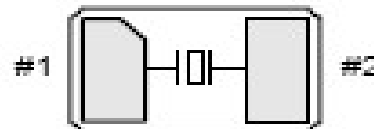
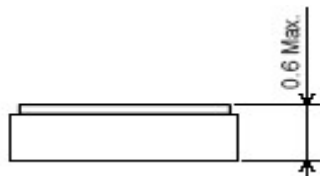
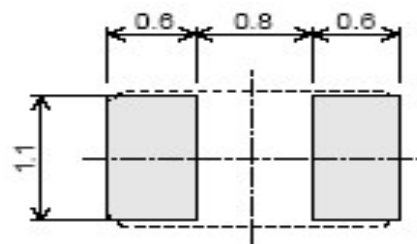
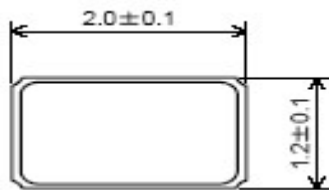
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Dimensions (Unit: mm)

RECOMMENDED SOLDER PAD (Unit: mm)



PACKING (UNIT: mm)

