

Series7M

SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: 7M327680001MBL

深圳市晶科鑫实业有限公司
SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.

Tel: 86-755-88352809
E-mail: sjksale@126.com

Fax: 86-755-88353718
URL: [Http://www.q-crystal.com](http://www.q-crystal.com)

Series7M



SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL

FEATURE

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

APPLICATIONS

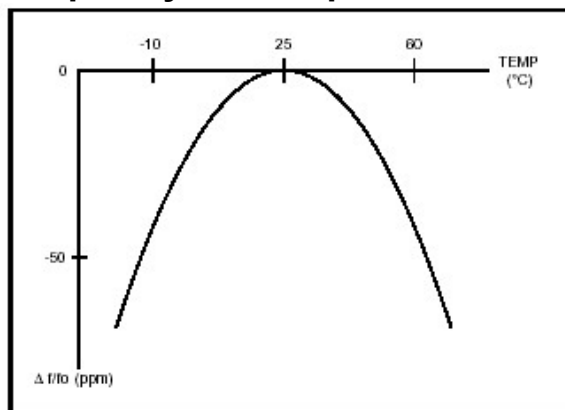
- Microprocessor Systems
- Consumer Electronics

ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
ESR	65Kohm 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)	1.2pF Typ
Dynamic Capacitance (C1)	2.4fF Typ
Driver Level (Typical)	1 µW Max
Load Capacitance (CL)	12.5pF
Insulation Resistance	500MΩ Min at DC 100V±15V
Aging @25°C 1 st year (Max)	±3ppm/year

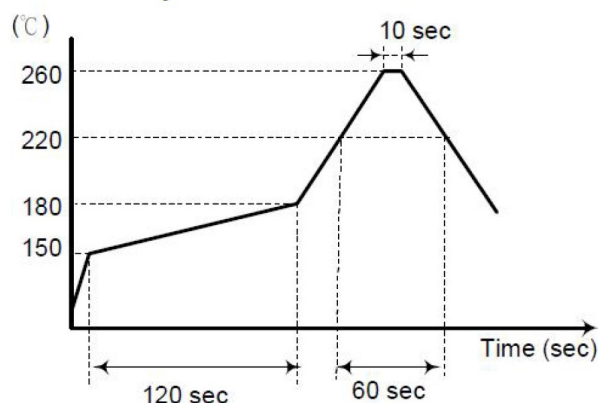
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

Frequency VS Temperature Curve



Reflow Soldering Profile

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



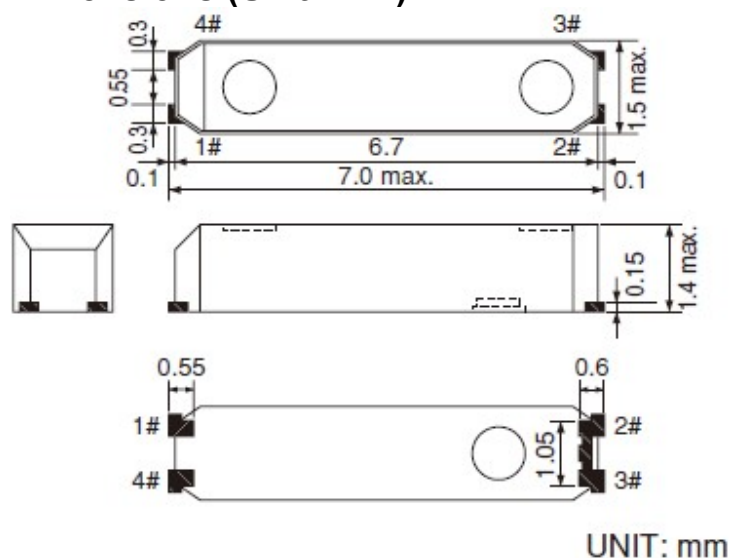
The design, manufacturing process, and specifications of this device are subject to change without notice.

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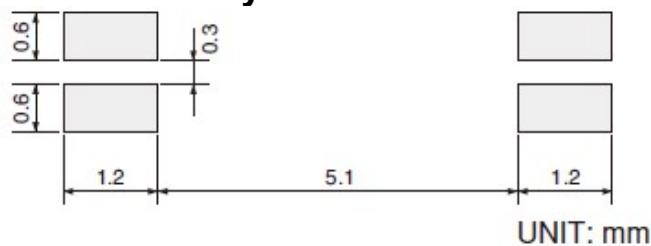


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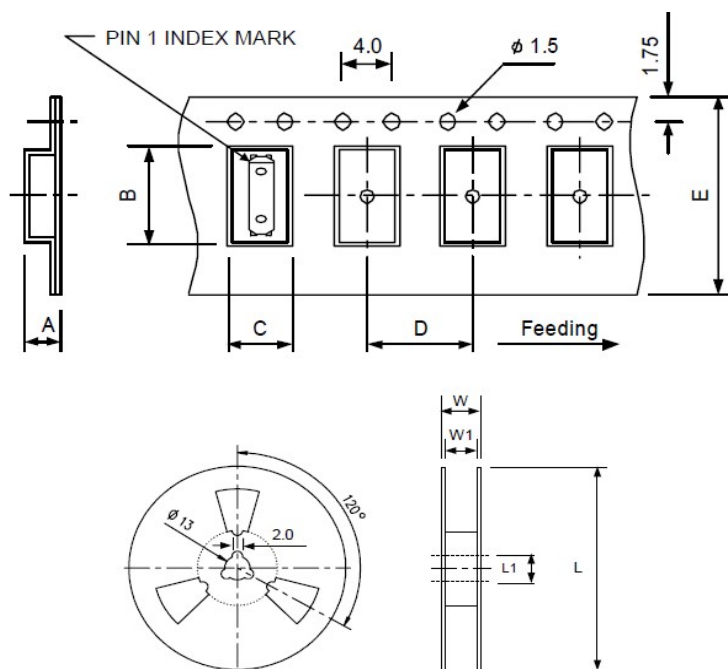
Dimensions (Unit: mm)



Solder Pad Layout



Packing



DIMENSIONS	A	B	C	D	E	L	L1	W	W1	pcs / Reel
	1.6	7.3	1.6	8	16	330	13	24.3	17.3	3K

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