

# Series6L



**SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL**

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| Approved by: |
| Checked by:  |
| Issued by:   |

## SPECIFICATION

**P/N: 6LC32768001GJM**

**深 圳 市 晶 科 鑫 实 业 有 限 公 司**

**SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.**

Tel: 86-755-88352809

Fax: 86-755-88353718

E-mail: [sjksale@126.com](mailto:sjksale@126.com)

URL: [Http://www.q-crystal.com](http://www.q-crystal.com)

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

# Series6L

## SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL

### FEATURE

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

### APPLICATIONS

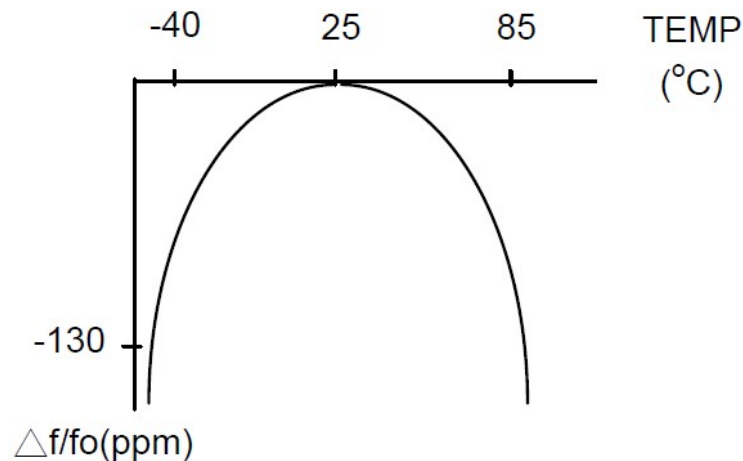
- Microprocessor Systems
- Consumer Electronics

### ELECTRICAL SPECIFICATIONS

|                                        |                                   |
|----------------------------------------|-----------------------------------|
| Frequency                              | 32.768KHz                         |
| Frequency Tolerance (at 25°C)          | ±20ppm                            |
| ESR                                    | 40Kohm Max                        |
| Turnover Temperature                   | 25 ± 5°C                          |
| Frequency Temperature Curve            | -0.034(±0.006)ppm/°C <sup>2</sup> |
| 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)                  | 12.5pF                            |
| Aging @25°C 1 <sup>st</sup> year (Max) | ±3ppm/year                        |

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

### Frequency VS Temperature Curve

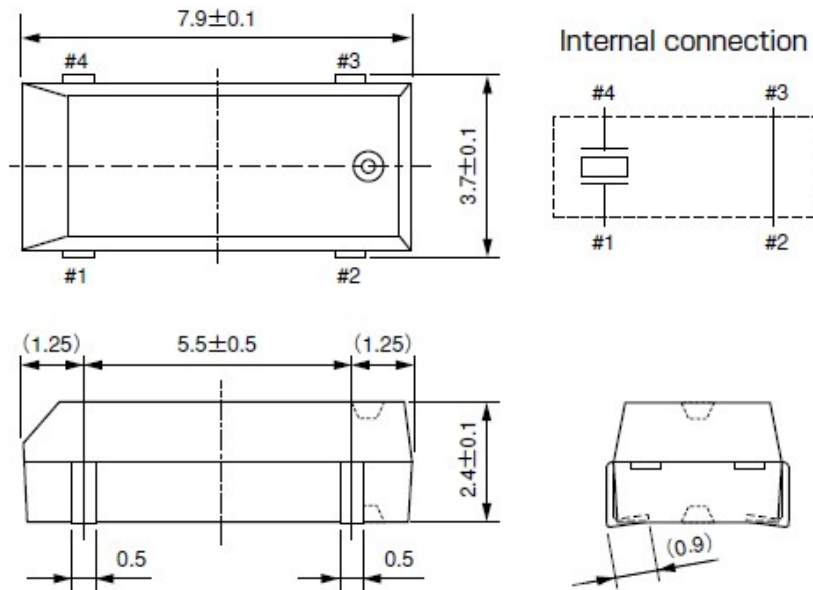


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Dimensions (Unit: mm)

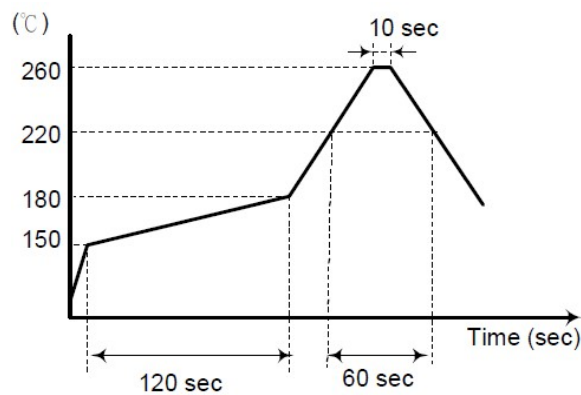


\* Do not connect to external with #2 and #3

## Reflow Soldering Profile

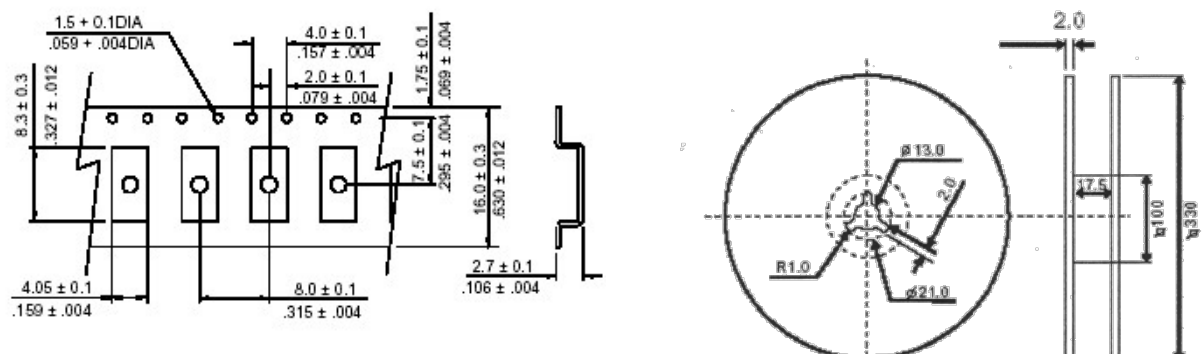
Total Time: 200 sec. Max.

Solder Melting Point :220 °C



## Packing (Tape & Reel)

Reel for 206A/206B/308C



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