

# Crystal resonancer

6K7 TUNING FORK WATCH CRYSTAL 32.768KHz

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Approved by:
Checked by:
Issued by:

# SPECIFICATION

MODEL: SJK-6K7-32.768-12.5-20-65-C

深圳市晶科鑫实业有限公司

SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.

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## FEATURE

- I Wide Frequency range
- I Small size
- I Tape & Reel

## APPLICATIONS

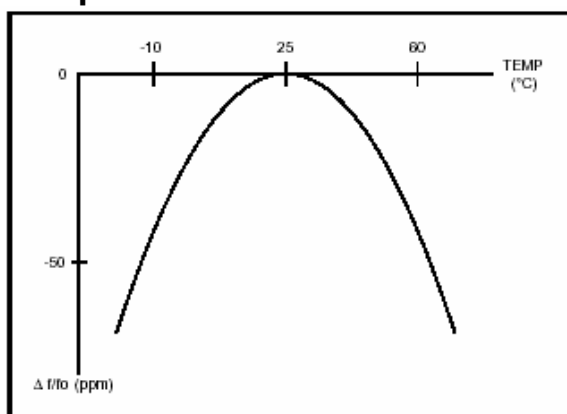
- I Microprocessor Systems
- I Consumer Electronics

## ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
Load Capacitance(C <sub>L</sub> )	12.5pF
ESR	65KΩ Max
Turnover Temperature	25 ± 5°C
Frequency stability vs Temperature Range	-40 °C to + 85 °C
Frequency Temperature Curve	-0.04ppm/°C <sup>2</sup> MAX
Storage Temperature Range	-55 °C to +125 °C
Operating Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C <sub>0</sub> )	0.8pF Typ
Dynamic Capacitance (C <sub>1</sub> )	1.9fF Typ
Driver Level (Typical)	1 μW Max
Insulation Resistance	500MΩ MIN at DC100V±15V
Aging @25°C 1 <sup>st</sup> year (Max)	±3ppm/year max

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

## Frequency VS Temperature Curve



## PACKING AND DIMENSIONS

Dimensions (Unit: mm)

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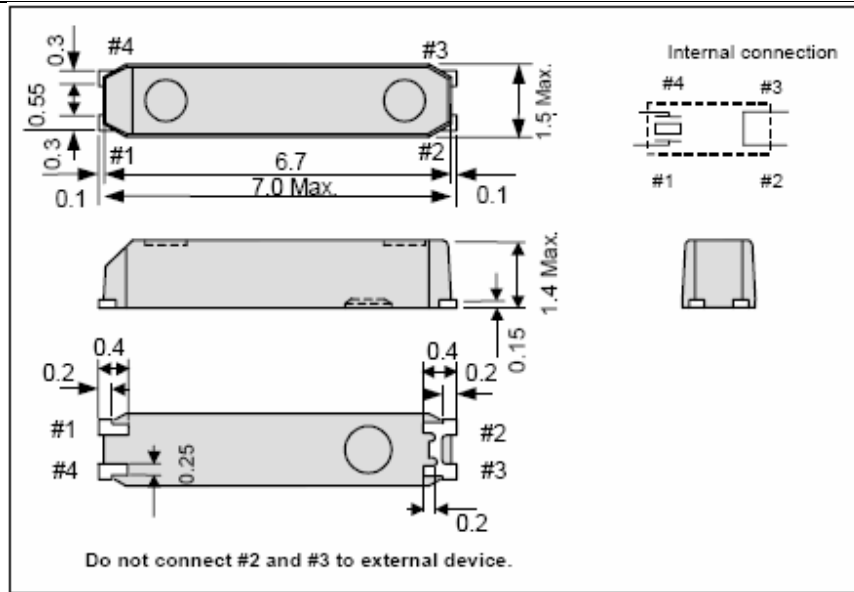
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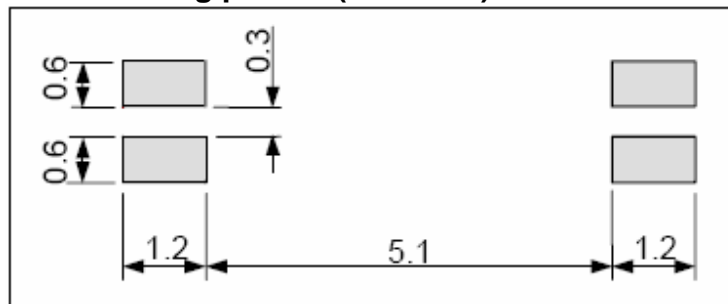
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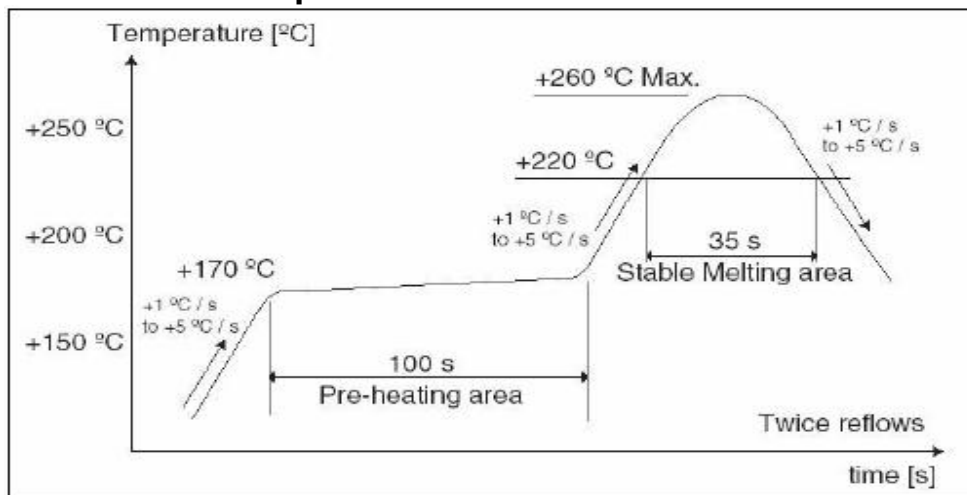
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### Recommended soldering pattern (Unit: mm)



### Recommended Reflow portfolio



### PART NUMBER

SJK-	6K7	32.768K	12.5	20	65	C
	6k7:7×1.5mm	Frequency	Load capacitance	Frequency tolerance :20ppm	E.S.R. 65kohm	temp.range C:-40+85°C

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