

Crystal resonancer

6K3 3.2*1.5MM TUNING FORK WATCH CRYSTAL 32.768KHz



Approved by:
Checked by:
Issued by:

SPECIFICATION

MODEL: SJK-6K3-32.768-7-20-70-C

深圳市晶科鑫实业有限公司

SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.

Add: RM#1805, East Wing, TianAn Hi-tech Plaza Phase2, TianAn Cyber Park, Shenzhen, China

Tel: (86) 755 88352809 88352810 Fax: (86) 755 88353718 88352499

E-mail: sjk@q-crystal.com HTTP://www.q-crystal.com

Crystal resonancer



6K3 3.2*1.5MM TUNING FORK WATCH CRYSTAL 32.768KHz

FEATURE

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

APPLICATIONS

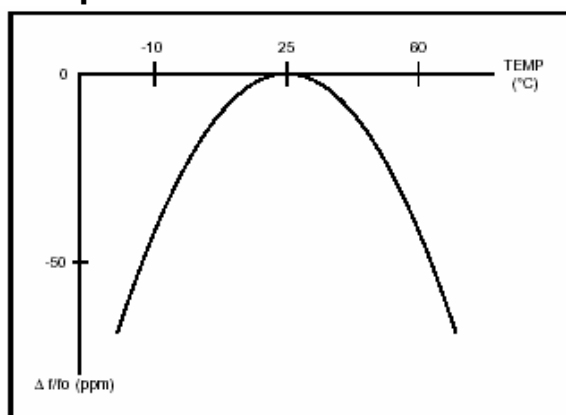
- I Microprocessor Systems
- I Consumer Electronics

ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
Load Capacitance(C _L)	7pF
ESR	70KΩ Max
Turnover Temperature	25 ± 5°C
Frequency stability vs Temperature Range	-40 °C to + 85 °C
Frequency Temperature Curve	-0.04ppm/°C ² MAX
Storage Temperature Range	-40 °C to +85 °C
Operating Temperature Range	-40 °C to +85 °C
Shunt Capacitance (C ₀)	1.3pF Typ
Dynamic Capacitance (C ₁)	1.9fF Typ
Driver Level (Typical)	1 μW Max
Insulation Resistance	500MΩ MIN at DC100V±15V
Aging @25°C 1 st year (Max)	±3ppm/year max

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

Frequency VS Temperature Curve



Add: RM#1805, East Wing, TianAn Hi-tech Plaza Phase2, TianAn Cyber Park, Shenzhen, China
Tel: (86) 755 88352809 88352810 Fax: (86) 755 88353718 88352499
E-mail: sjk@q-crystal.com HTTP://www.q-crystal.com

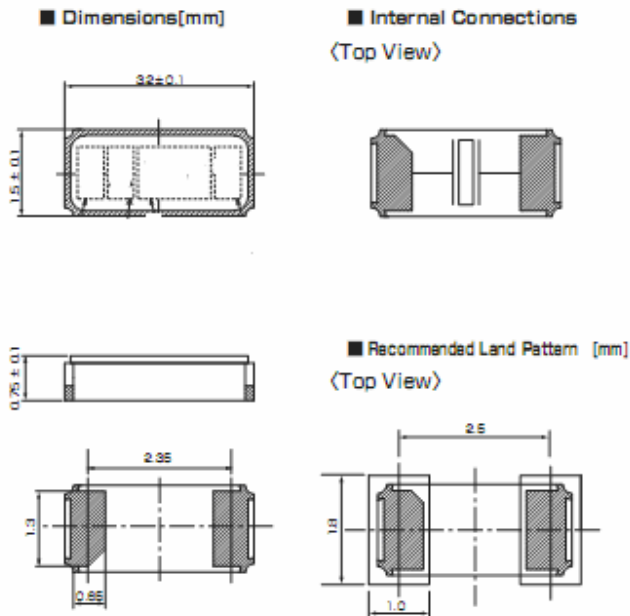
Crystal resonator



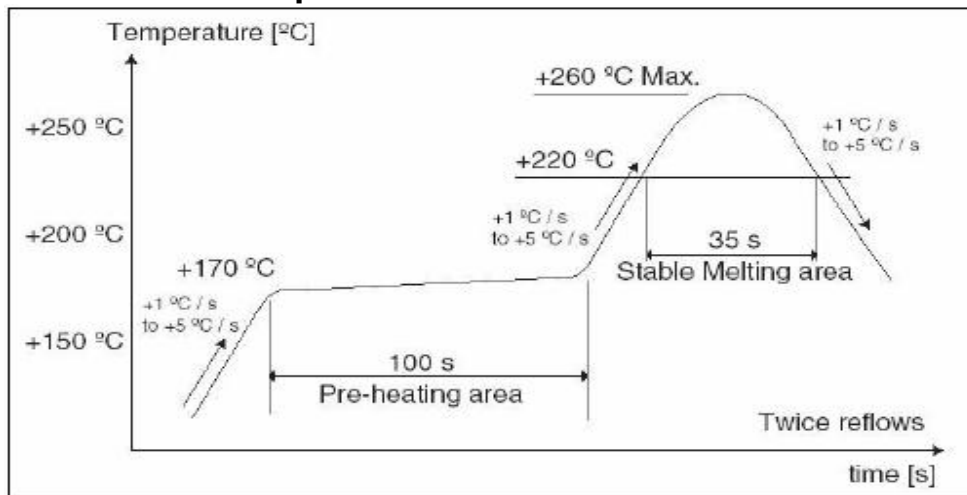
6K3 3.2*1.5MM TUNING FORK WATCH CRYSTAL 32.768KHz

PACKING AND DIMENSIONS

Dimensions (Unit: mm)



Recommended Reflow portfolio



PART NUMBER

SJK-	6K3	32.768K	7	20	70	C
	6k3:3.2×1.5mm	Frequency	Load capacitance	Frequency tolerance	E.S.R. 70kohm	temp.range C:-40+85°C

Add: RM#1805, East Wing, TianAn Hi-tech Plaza Phase2, TianAn Cyber Park, Shenzhen, China
 Tel: (86) 755 88352809 88352810 Fax: (86) 755 88353718 88352499
 E-mail: sjk@q-crystal.com HTTP://www.q-crystal.com