

SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: UXC-S2012-32K-NRF-S

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The design, manufacturing process, and specifications of this device are subject to change without notice. Page 1 of 3



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FEATURE

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

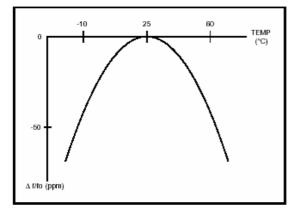
APPLICATIONS

- I Microprocessor Systems
- I 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	-40 °C to + 85 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C0)	1.3рҒ Тур
Dynamic Capacitance (C1)	2.4fF Тур
Driver Level (Typical)	1 μW Max
Load Capacitance(CL)	7 pF
Aging @25°C 1 st year (Max)	±3ppm/year
Operating Voltage	1.8V

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

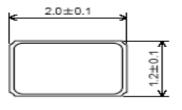


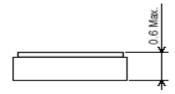
Frequency VS Temperature Curve

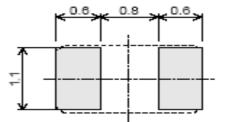


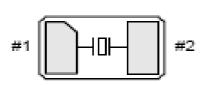
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Dimensions (Unit: mm)









 11.4 ± 1.0

PACKING (UNIT:mm) FEEDING (PULL) DIRECTION ø1.5+0.1/-0 2.0 ± 0.05 1.75 ± 0.1 4.0±0.1 0.25±0.05-¢ ŧ ¢ 3.5±0.05 2 8.0±0. 2.25±0.1 4.0±0.1 -1.45±0.1 0.8±0.1 9.0±0.3 ø13.0±0.2 ø21.0±0.8 ø180+0/-3.0 2.0 ± 0.5 Ļ ø60+ 120°

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RECOMMENDED SOLDER PAD (Unit: mm)