



**SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL**



Approved by:

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# **SPECIFICATION**

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

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## SURFACE MOUNT PACKAGE FOR TUNING FORK CRYSTAL

### 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 <sup>2</sup>
Storage Temperature Range	-40 °C to + 85 °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(C <sub>L</sub> )	7 pF
Aging @25°C 1 <sup>st</sup> 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



