

NX2012SA

For OA / AV / Mobile Communications

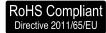
■ Features

Ultra compact, thin, and light weight tuning fork crystal unit.

- Excellent heat resistance and environmental characteristics.
- Excellent electric performance optimum for mobile communications,
 OA (office automation) and AV (audiovisual) applications are exhibited.
- RoHS compliant. These can meet the requirements of re-flow profiling using leadfree solder
- Use a metal lid: Excellent shock resistance during chip mounting process comparing to a glass lid.







■ Specifications

ltem Model	NX2012SA
Nominal frequency	32.768kHz
Operating temperature range	−40 to +85°C
Storage temperature range	−40 to +85°C
Level of drive	0.1μW (0.5μW Max.)
Frequency tolerance (25 ±3 °C)	±20 × 10 ⁻⁶
Turning point	+25°C ± 5°C
Temperature coefficient	−0.04 × 10 ⁻⁶ /°C ² Max.
Load capacitance	12.5pF
Equivalent series resistance	80kΩ Max.
Shunt capacitance	1.3pF typ./ 1.5pF Max.
Insulation resistance	500MΩ Min.

Please feel free to contact us with questions about other specifications.

■ List of Ordering Codes

Load capacitance	Ordering Code
12.5pF	NX2012SA-32.768K-STD-MUB-1

■ Dimensions

