

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 lead-free solder.
- Use a metal lid: Excellent shock resistance during chip mounting process comparing to a glass lid.



Pb
Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	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.

■ List of Ordering Codes

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

■ Dimensions

