

## NX1612SA

For OA / AV / Short-range Wireless

### ■ Features

- A small and thin surface-mount type crystal unit.
- Ideal for Wearable device and Short-range Wireless module.
- Ultra compact and thin (Typ. 1.6 × 1.2 × 0.3 mm)
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



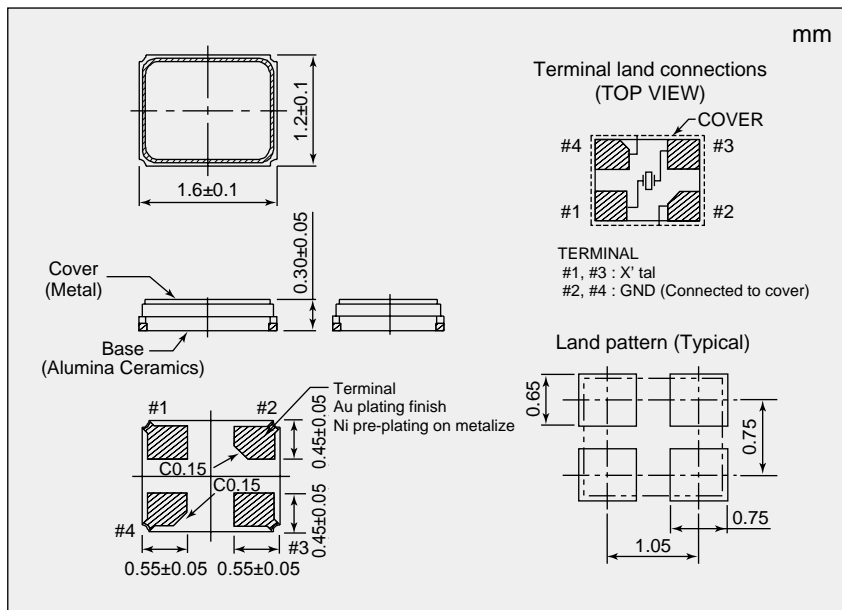
Pb Free

RoHS Compliant  
Directive 2011/65/EU

### ■ Specifications

Item	Model	NX1612SA
Main Application		For OA / AV
Nominal Frequency		24 to 80 MHz
Overtone Order		Fundamental
Frequency Tolerance (25 ±3 °C)		±10 × 10 <sup>-6</sup>
Frequency versus Temperature Characteristics (with reference to +25 °C)		±15 × 10 <sup>-6</sup>
Operating Temperature Range		-30 to +85 °C
Storage Temperature Range		-40 to +85 °C
Equivalent Series Resistance		Refer to *1
Level of Drive		10 μW (Max. 200 μW)
Load Capacitance		8 pF
Specifications Number		STD-CIS-1

### ■ Dimensions



\*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
24 to 32	150
32 to 38	100
38 to 80	80