

## 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.



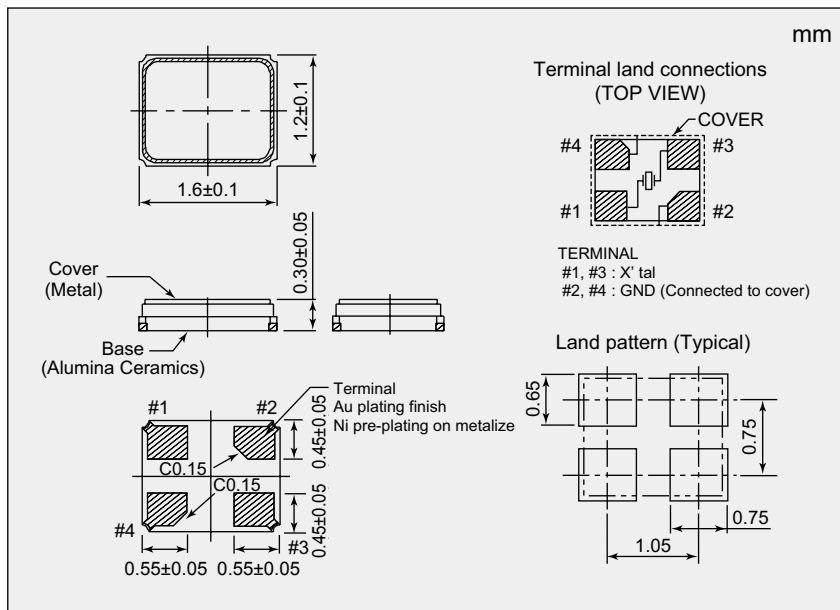
Pb Free

RoHS Compliant  
Directive 2011/65/EU

### ■ Specifications

Item	Model	NX1612SA
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

Please specify the model name, frequency, and specification number when you order products.  
For further questions regarding specifications, please feel free to contact us.