

NX1612SA

For Automotive

Features

- A small and thin surface-mount type crystal unit for automotive.
- Ultra compact and thin. (1.6 × 1.2 × 0.3 mm)
- Stable start-up characteristics even under extremely severe environmental conditions.
- Excellent environmental characteristics, including heat, vibration and shock resistance.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200



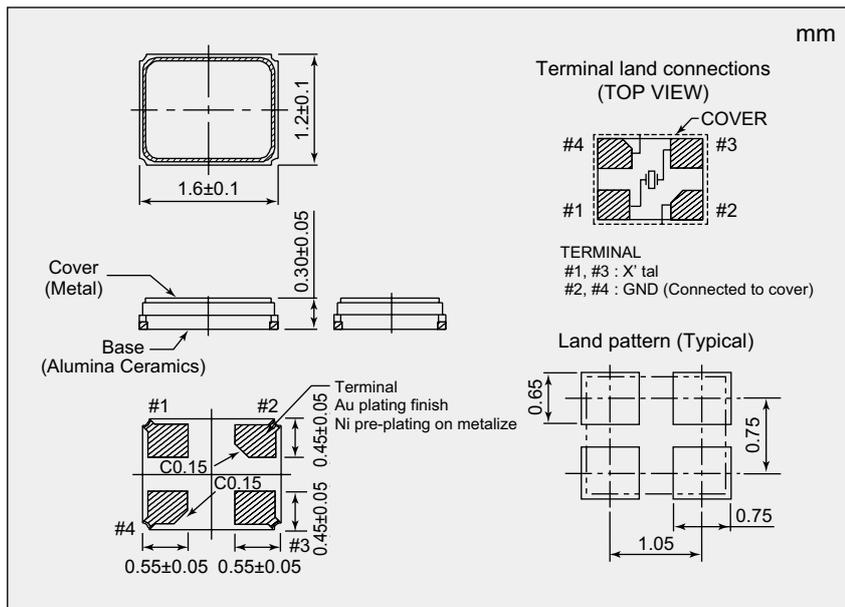
Pb Free

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)		±15 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±50 × 10 ⁻⁶
Operating Temperature Range		-40 to +125 °C
Storage Temperature Range		-40 to +125 °C
Equivalent Series Resistance		Refer to *1
Level of Drive		10 μW (Max. 200 μW)
Load Capacitance		8 pF

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.

