

NX3225SA

For Automotive

■ Features

A small surface-mount type crystal unit, ideal for automotive applications.

- •With a well established reputation for reliability, this product is best suited for automotive equipment.
- Stable start-up characteristic 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.

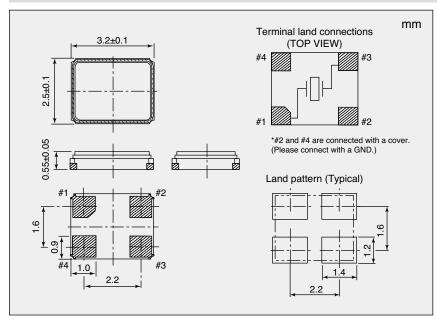




■ Specifications

Item Model	NX3225SA
Nominal Frequency	12 to 50 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
Specifications Number	STD-CRS-2

■ Dimensions



*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
12 to 20	120
20 to 50	100

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