

# **NX3225GA**

# **For Automotive**

#### **■** Features

A surface-mount compact crystal unit suitable for automotive.

- •Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- Stable start-up characteristics even under extremely severe environmental conditions
- Excellent environment-resistant performance, including heat, vibration and shock resistance
- •Meets the requirements for re-flow profiling using lead-free solder.
- •Conforms to AEC-Q200.

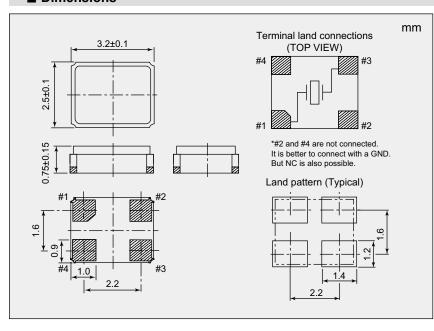




# **■** Specifications

ltem Model	NX3225GA
Nominal Frequency	9.8 to 50 MHz
Overtone Order	Fundamental
Frequency Tolerance (25 ±3 °C)	±50 × 10⁻ <sup>6</sup>
Frequency versus Temperature Characteristics (with reference to +25 °C)	±150 × 10 <sup>-6</sup>
Operating Temperature Range	−40 to +150 °C
Storage Temperature Range	−40 to +150 °C
Equivalent Series Resistance	Refer to *1
Level of Drive	10 μW (Max. 200 μW)
Load Capacitance	8 pF
Specifications Number	STD-CRA-1

## **■** Dimensions



## \*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
9.8 to 12	300
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.