# **Crystal Units**

## NX3225GB

#### Features

A small surface-mount type crystal unit, ideal for an engine control CPU clock; delivering the high reliability that is particularly demanded by automotive.

- •Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- High resistance to solder cracking.
- 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.



RoHS Compliant Directive 2011/65/EU

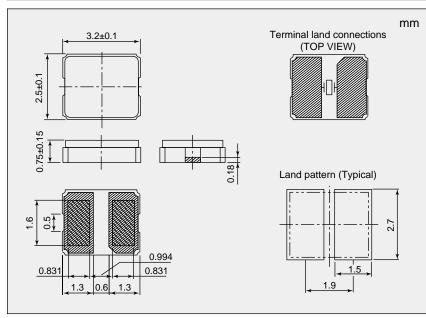
#### Specifications

Item Model	NX3225GB
Nominal Frequency	12 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-2

\*If you required 7.98 to 12MHz, please refer to NX3225GD.

#### Dimensions

冠杰电子



#### \*1 Equivalent Series Resistance

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

www.guangjiedz.com

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

0755-27839151



### For Automotive

