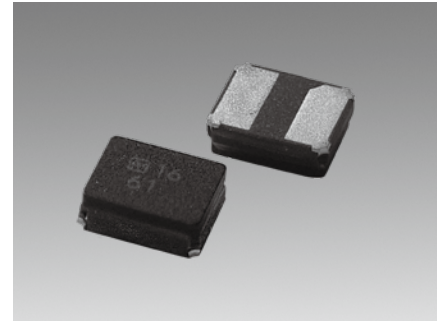


## NX2016GB

For Automotive

### ■ Features

- High reliability small surface-mount type crystal unit for automotive.
- High resistance to solder cracking.
- Ultra compact and thin. (2.0 x 1.6mm, H: Max. 0.8mm)
- 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.

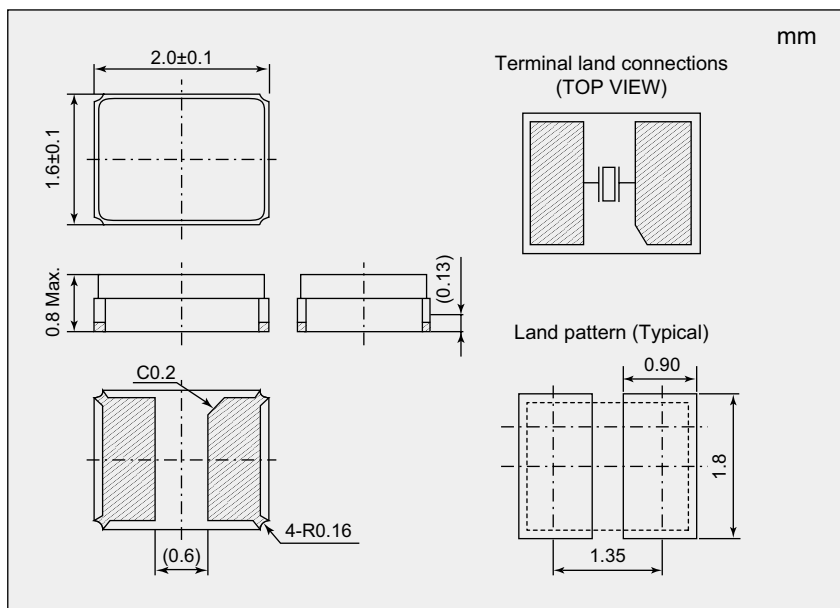


**RoHS Compliant**  
Directive 2011/65/EU

### ■ Specifications

Item	Model	NX2016GB
Nominal Frequency		16 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

### ■ Dimensions



\*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
16 to 20	300
20 to 22	220
22 to 26	180
26 to 50	120

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