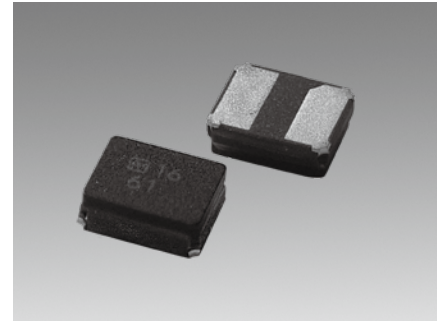


NX2016GB

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.

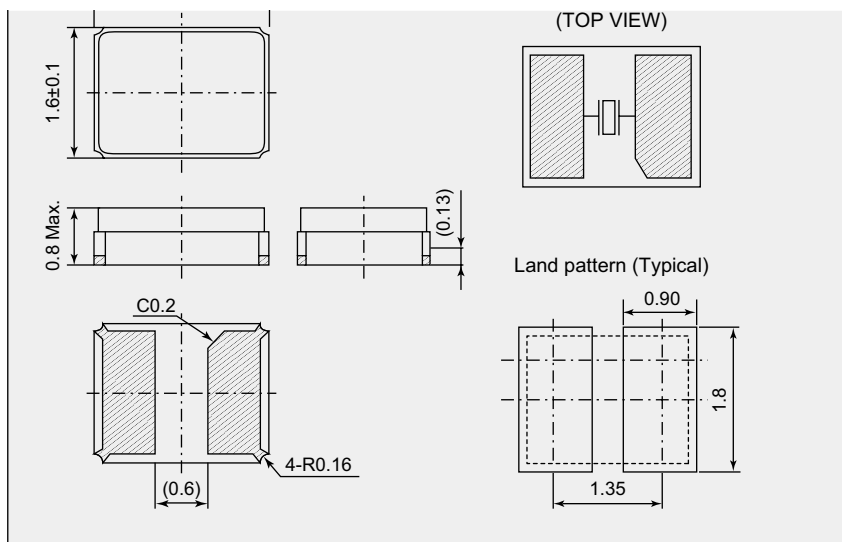


RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX2016GB
Nominal Frequency		16 to 50 MHz
Overtone Order		Fundamental
Frequency Tolerance (25 ±3 °C)		±50 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±150 × 10 ⁻⁶
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