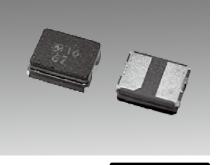
Crystal Units

NX2016GC

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.

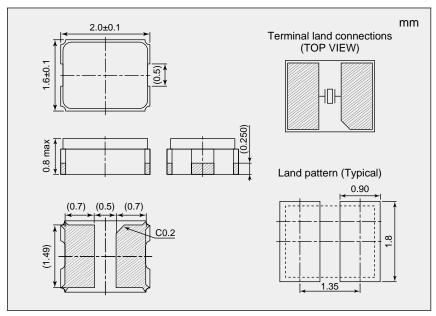


RoHS Compliant Directive 2011/65/EU

Specifications

Item Model	NX2016GC
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
Specifications Number	STD-CZA-1

Dimensions



*1	Ec	qu	iva	ale	ent	Se	eri	es	Re	si	sta	nc	e	

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

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









For Automotive