

NX8045GE

For Automotive

■ Features

A small surface-mount type crystal unit, ideal for Automotive.

- Supports low frequencies(from 4MHz to 8MHz).
- Small SMD package. (8.0×4.5×2.0mm)
- Excellent environmental characteristics, including heat, vibration and shock resistance.
- High resistance to solder cracking. Excellent performance for wide temperature range heat cycles (-40 to +150°C, 3,000 cycles) when mounted on a glass epoxy circuit board.
- Support a wide operating temperature range(-40 to +150°C).
- Meets the requirements for re-flow profiling using lead-free solder.

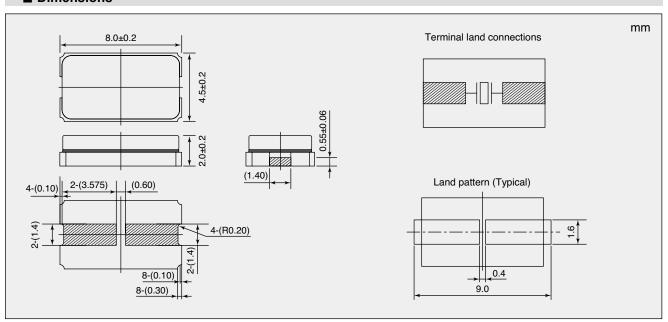


RoHS Compliant Directive 2011/65/EU

■ Specifications

ltem Model	NX8045GE
Nominal Frequency	4 to 8 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	Max. 150 Ω
Level of Drive	50 μW (Max. 500 μW)
Load Capacitance	8 pF
Specifications Number	STD-CJL-6

■ Dimensions



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