

NX3225GA

For Automotive

Features

- A surface-mount compact crystal unit suitable for automotive. •Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- 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.

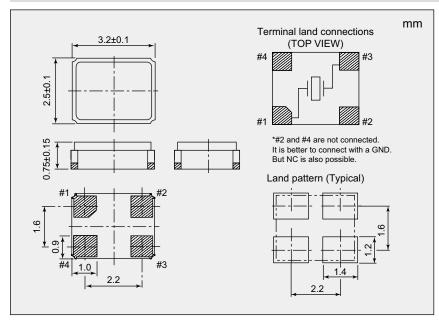


RoHS Compliant Directive 2011/65/EU

Specifications

| Item Model | NX3225GA |
|---|-------------------------|
| Nominal Frequency | 9.8 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-CRA-1 |

Dimensions



*1 Equivalent Series Resistance

| Nominal frequency (MHz) | Equivalent Series Resistance max. $[\Omega]$ | |
|----------------------------|--|--|
| 9.8 to 12 | 300 | |
| 12 to 20 | 120 | |
| 20 to 50 | 100 | |

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