



**THE DATASHEET OF
NX3225GA-19.2M-STD-CRG-2**



NX3225GA

For OA / AV

■ Features

A small surface-mount type crystal unit, especially suited for small-sizing requirements.

- Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Excellent electrical performance for OA (office automation) and AV (audiovisual) applications.
- Meets the requirements for re-flow profiling using lead-free solder.

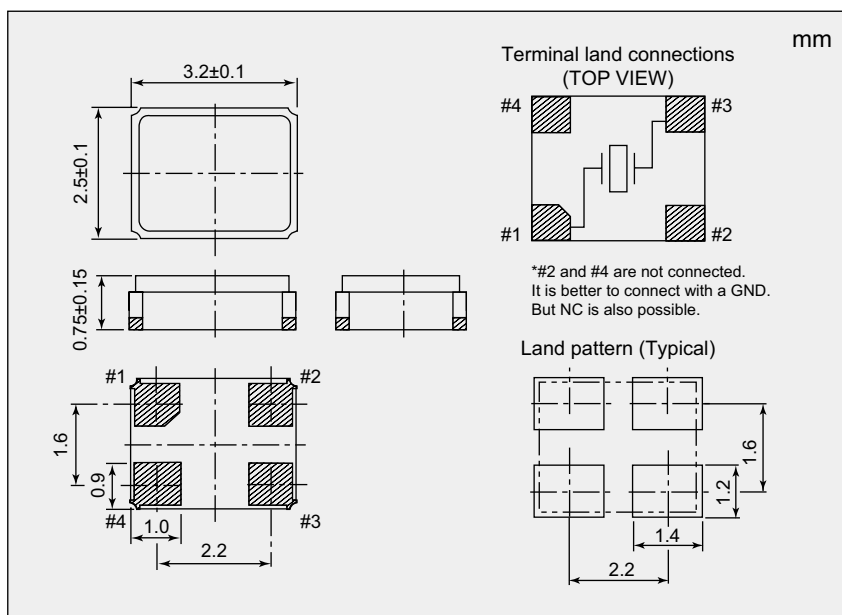


RoHS Compliant
Directive 2011/65/EU

■ Specifications

| Item | Model | NX3225GA |
|---|-------|------------------------|
| Nominal Frequency | | 9.840 to 50 MHz |
| Overtone Order | | Fundamental |
| Frequency Tolerance (25 ±3 °C) | | ±20 × 10 ⁻⁶ |
| Frequency versus Temperature Characteristics (with reference to +25 °C) | | ±30 × 10 ⁻⁶ |
| Operating Temperature Range | | -40 to +85 °C |
| Storage Temperature Range | | -40 to +85 °C |
| Equivalent Series Resistance | | Refer to *1 |
| Level of Drive | | 10 μW (Max. 200 μW) |
| Load Capacitance | | 8pF |
| Specifications Number | | STD-CRG-2 |

■ Dimensions





*1 Equivalent Series Resistance

| Nominal frequency (MHz) | Equivalent Series Resistance max. [Ω] |
|-------------------------|---------------------------------------|
| 9.840 to 12 | 200 |
| 12 to 13 | 100 |
| 13 to 20 | 80 |
| 20 to 50 | 50 |

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

Looking for pricing, stock, or lifecycle information?

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