

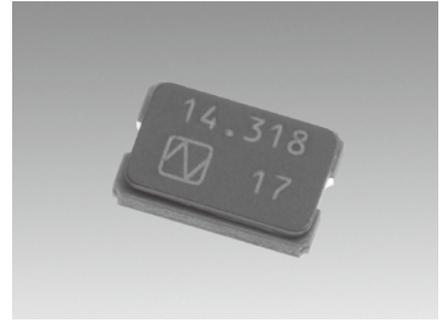
NX5032GA

For OA / AV

■ Features

Ideal for OA/AV applications and Accessories for a car.

- Compact and thin. (5.0×3.2×1.3mm typ.)
- Supports low frequencies starting from 8 MHz.
- Excellent environmental characteristics, including heat and shock resistance.
- Meets the requirements for re-flow profiling using lead-free solder.

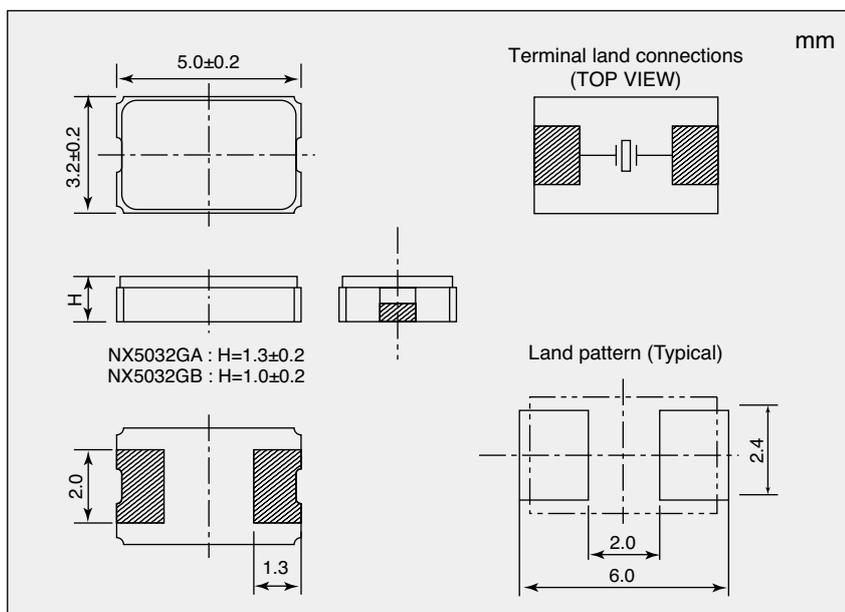


RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863

■ Specifications

| Item | Model | NX5032GA | | | | |
|---|-------|------------------------|----------------|------------------------|----------------|--------------|
| | | 8 to 10.5 MHz | 10.5 to 50 MHz | 8 to 10.5 MHz | 10.5 to 50 MHz | 50 to 55 MHz |
| Nominal Frequency | | 8 to 10.5 MHz | 10.5 to 50 MHz | 8 to 10.5 MHz | 10.5 to 50 MHz | 50 to 55 MHz |
| Overtone Order | | Fundamental | | | | |
| Frequency Tolerance (25 ±3 °C) | | ±30 × 10 ⁻⁶ | | ±20 × 10 ⁻⁶ | | |
| Frequency versus Temperature Characteristics (with reference to +25 °C) | | ±50 × 10 ⁻⁶ | | ±30 × 10 ⁻⁶ | | |
| Operating Temperature Range | | -40 to +85 °C | | -10 to +70 °C | | |
| Storage Temperature Range | | -40 to +125 °C | | -40 to +85 °C | | |
| Equivalent Series Resistance | | Refer to *1 | | Refer to *2 | | |
| Level of Drive | | 50 μW (Max. 500 μW) | | | | |
| Load Capacitance | | 8 pF | | | | |
| Specifications Number | | STD-CSK-7 | STD-CSK-8 | STD-CSK-3 | STD-CSK-4 | STD-CKW3 |

■ Dimensions



*1 Equivalent Series Resistance

| Nominal frequency (MHz) | Equivalent Series Resistance max. [Ω] |
|-------------------------|---------------------------------------|
| 8 to 9.5 | 300 |
| 9.5 to 10 | 150 |
| 10 to 20 | 120 |
| 20 to 30 | 70 |
| 30 to 49.99 | 50 |

*2 Equivalent Series Resistance

| Nominal frequency (MHz) | Equivalent Series Resistance max. [Ω] |
|-------------------------|---------------------------------------|
| 8 to 9.5 | 300 |
| 9.5 to 15 | 100 |
| 15 to 55 | 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.