

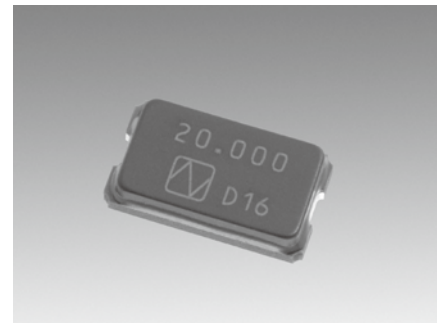
NX8045GB

For OA / AV

■ Features

A small surface-mount type crystal unit.

- Compact and thin. (8.0×4.5×1.8mm)
- Supports low frequencies(from 4MHz).
- Ideal for OA/AV applications and Accessories for a car.
- Excellent environmental performance, including heat and shock resistance.
- Meets the requirements for re-flow profiling using lead-free solder.



RoHS Compliant
Directive 2011/65/EU

■ Specifications

| Item | Model | NX8045GB | |
|---|-------|------------------------|------------------------|
| Nominal Frequency | | 4 to 40 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 | |
| Level of Drive | | 50 μW (Max. 500 μW) | |
| Load Capacitance | | 8 pF | |

■ Specification Number

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

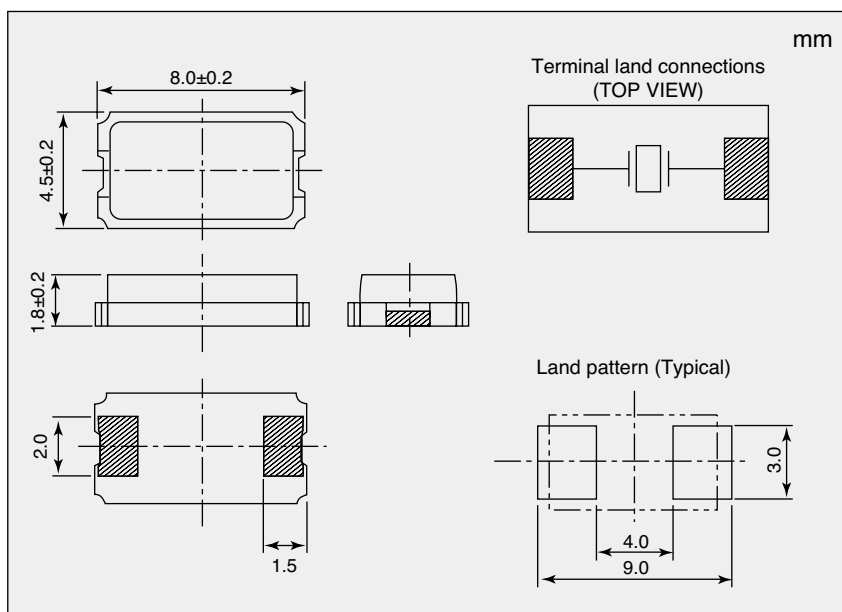
Operating Temperature Range : -40 to +85 °C

| Nominal Frequency (MHz) | 4 to 4.9 | 5 to 7.49 | 7.5 to 40 |
|-------------------------|-----------|-----------|-----------|
| Specification Number | STD-CJL-5 | STD-CSF-5 | STD-CSF-6 |

Operating Temperature Range : -10 to +70 °C

| Nominal Frequency (MHz) | 4 to 4.9 | 5 to 7.49 | 7.5 to 40 |
|-------------------------|-----------|-----------|-----------|
| Specification Number | STD-CJL-2 | STD-CSF-3 | STD-CSF-4 |

■ Dimensions



*1 Equivalent Series Resistance

| Nominal frequency (MHz) | Equivalent Series Resistance max. [Ω] |
|-------------------------|---------------------------------------|
| 4 to 5 | 300 |
| 5 to 8 | 250 |
| 8 to 9.5 | 200 |
| 9.5 to 10 | 120 |
| 10 to 12 | 100 |
| 12 to 13 | 80 |
| 13 to 40 | 50 |