

NX3215SA

For OA / AV / Mobile Communication / Automotives

■ Features

- Compact, thin, and light weight tuning fork crystal unit.
- Excellent heat resistance and environmental characteristics.
- RoHS compliant. These can meet the requirements of re-flow profiling using lead-free solder.
- Use a metal lid: Excellent shock resistance during chip mounting process comparing to a glass lid.
- Excellent electric performance optimum for mobile communications, OA (office automation) and AV (audiovisual) applications are exhibited. (For OA / AV / Mobile Communication)
- Conforms to AEC-Q200. (For Automotives)



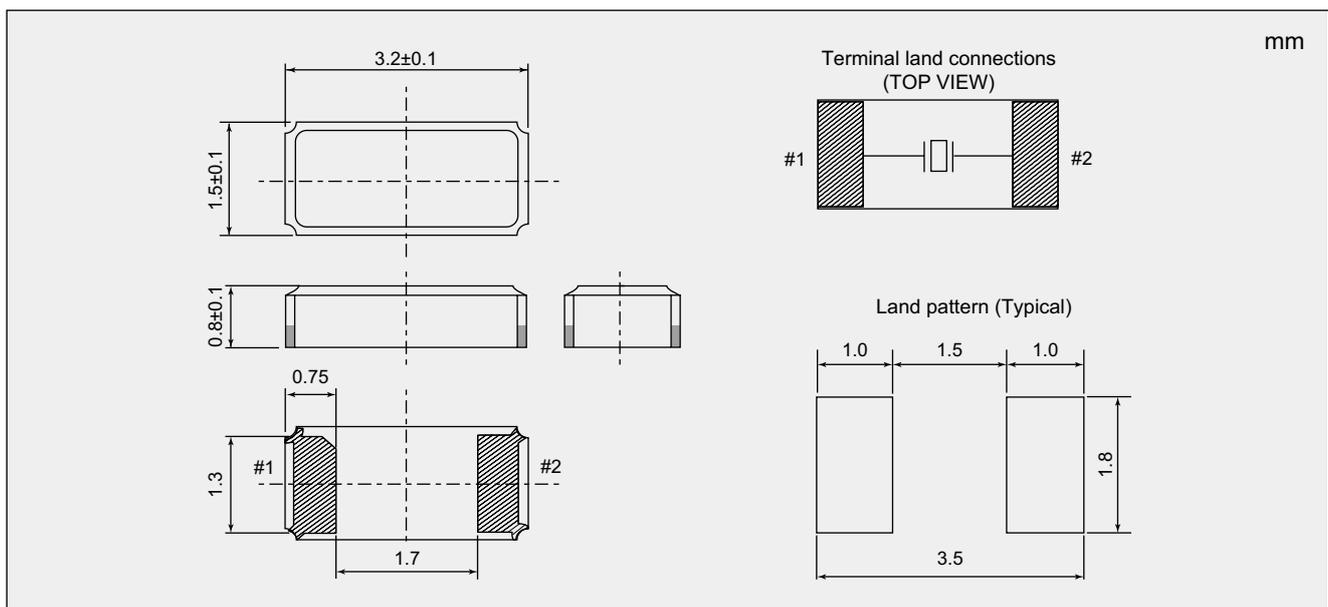
Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

| Item | Model | | | |
|--------------------------------|--|-----------|----------------|-----------|
| | NX3215SA | | | |
| Main Application | For OA / AV / Mobile Communication | | For Automotive | |
| Nominal Frequency | 32.768kHz | | | |
| Operating Temperature Range | -40 to +85°C | | -40 to +125°C | |
| Storage Temperature Range | -40 to +85°C | | -40 to +125°C | |
| Level of Drive | 0.1μW (Max. 0.5μW) | | | |
| Frequency Tolerance (25 ±3 °C) | ±20 × 10 ⁻⁶ | | | |
| Turning Point | +25°C ± 5°C | | | |
| Temperature Coefficient | -0.04 × 10 ⁻⁶ /°C ² Max. | | | |
| Load Capacitance | 6.0pF | 9.0pF | 12.5pF | 12.5pF |
| Equivalent Series Resistance | Max. 70kΩ | | Max. 80kΩ | |
| Shunt Capacitance | Typ. 1.0pF / Max. 1.5pF | | | |
| Insulation Resistance | Min. 500MΩ | | | |
| Specifications Number | STD-MUA-14 | STD-MUA-9 | STD-MUA-8 | STD-MUS-2 |

■ 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.

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