

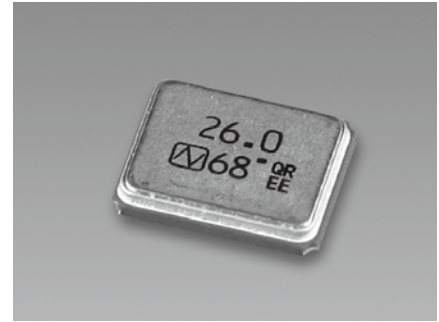
NX3225SA

For Automotive

■ Features

A small surface-mount type crystal unit, ideal for automotive applications.

- With a well established reputation for reliability, this product is best suited for automotive equipment.
- Stable start-up characteristic even under extremely severe environmental conditions.
- Excellent environmental characteristics, including heat, vibration and shock resistance.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.
- Conforms to AEC-Q200.



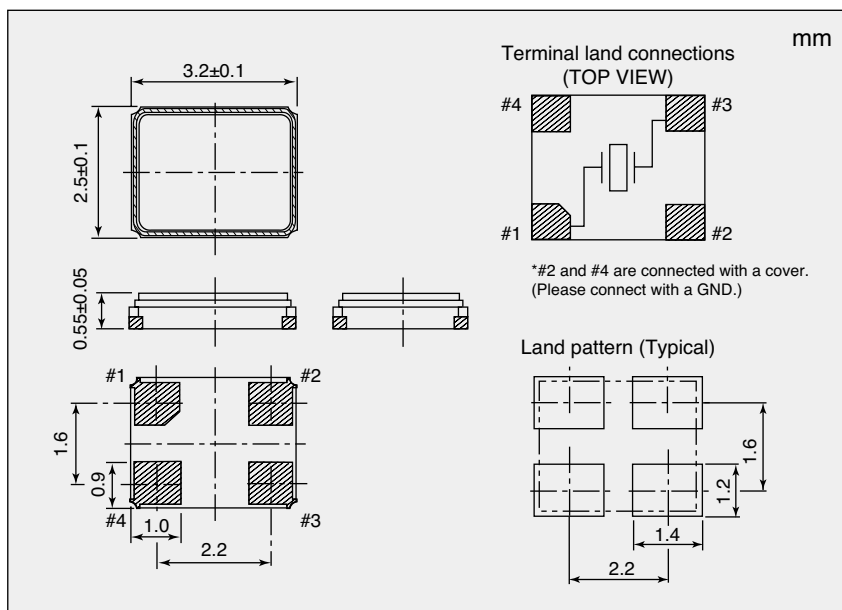
Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX3225SA
Nominal Frequency		12 to 50 MHz
Overtone Order		Fundamental
Frequency Tolerance (25 ±3 °C)		±15 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±50 × 10 ⁻⁶
Operating Temperature Range		-40 to +125 °C
Storage Temperature Range		-40 to +125 °C
Equivalent Series Resistance		Refer to *1
Level of Drive		10 μW (Max. 200 μW)
Load Capacitance		8 pF
Specifications Number		STD-CRS-2

■ Dimensions



*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
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.

Mouser Electronics

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[NX3225SA-20.000M-STD-CRS-2](#) [NX3225SA-12.000M-STD-CRS-2](#) [NX3225SA-16.000M-STD-CRS-2](#) [NX3225SA-25.000M-STD-CRS-2](#) [NX3225SA-27M-STD-CRS-2](#)