

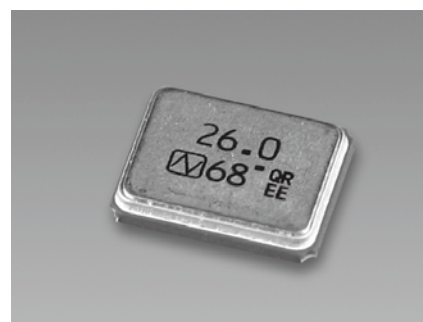
CSR-8

NX3225SA For OA / AV / Short-range Wireless

■ Features

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

- Compact and thin. (3.2 × 2.5 × 0.55 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Excellent electrical performance, ideal for OA (office automation), AV (audiovisual), Bluetooth and Wireless LAN applications.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



Pb
Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

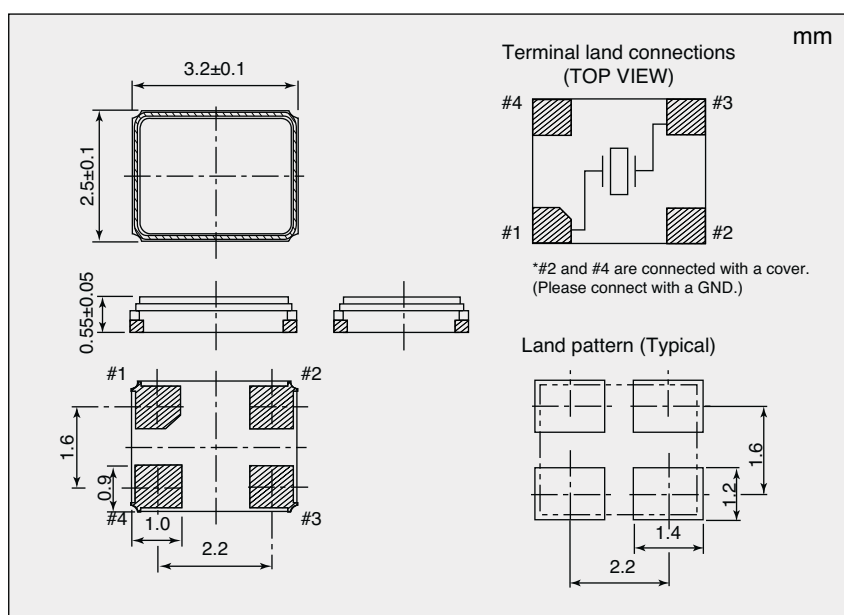
Part Number	NX3225SA - 25.000 MHz - S1-2075-1010-10		
Nominal frequency	25.000 MHz		
Overtone order	FUNDAMENTAL		
Frequency tolerance (25 ±3 °C)	± 10 × 10 ⁻⁶		
Frequency versus temperature characteristics (with reference to +25 °C)	± 10 × 10 ⁻⁶		
Operating temperature range	- 20 to + 75 °C		
Storage temperature range	- 40 to + 85 °C		
Equivalent series resistance	Refer to *1		
Level of drive	10 µW (Max. 200 µW)		
Load capacitance	10 pF	Series resonance	

The above specifications are standard for this NDK product.

Custom-made specifications such as load capacitance and temperature characteristics are also available.

Please contact NDK sales with your enquiries.

■ Dimensions



*1 Equivalent Series Resistance

Overtone Order	Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
Fundamental	12 to 13	100
	13 to 20	80
	20 to 60	50
3rd overtone	40 to 100	140
	100 to 150	100