

Crystal Units

NX2520SA For OA / AV Mobile Communications/ Short-range Wireless

■ Features

Ideal for such as bluetooth, Wifi, smartphone and tablet pc.

- Compact and thin. (2.5 × 2.0 × 0.50 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder.



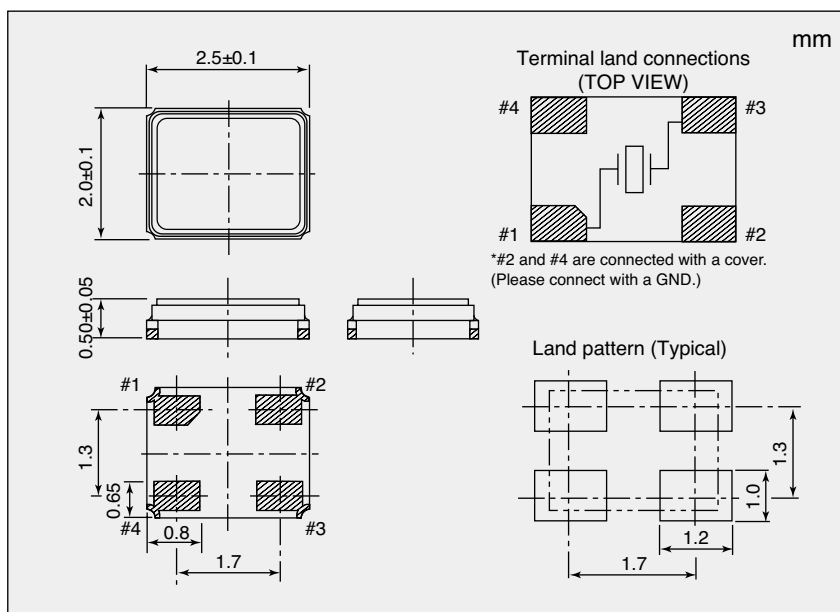
Pb
Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX2520SA	
Nominal Frequency		16 to 80 MHz	16 to 54 MHz
Overtone Order		Fundamental	
Frequency Tolerance (25 ±3 °C)		±15 × 10 ⁻⁶	±10 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±25 × 10 ⁻⁶	±10 × 10 ⁻⁶
Operating Temperature Range		-40 to +85 °C	-20 to +75 °C
Storage Temperature Range		-40 to +85 °C	
Equivalent Series Resistance		Refer to *1	Refer to *2
Level of Drive		10 μW (Max. 200 μW)	10 μW (Max. 100 μW)
Load Capacitance		8 pF	
Specifications Number		STD-CSW-5	STD-CSX-1

■ Dimensions



*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
16 to 20	80
20 to 30	60
30 to 35	50
35 to 80	40

*2 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
16 to 20	80
20 to 30	60
30 to 35	50
35 to 54	40

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