

NX3225GA

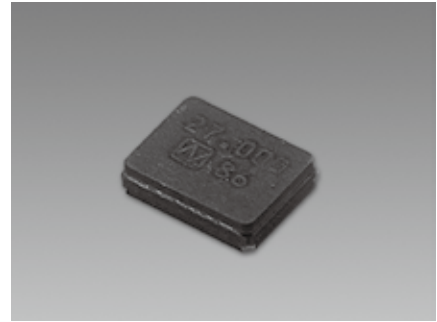
For OA / AV

■ Features

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

- Compact and thin. (3.2 x 2.5 x 0.75 mm typ.)
- Excellent environmental characteristics, including heat and shock resistance.
- Excellent electrical performance for OA (office automation) and AV (audiovisual) applications.
- Meets the requirements for re-flow profiling using lead-free solder.

RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863



■ Specifications

Item	Model	NX3225GA	
		Standard	Optional
Standard		Standard	Optional
Nominal Frequency (MHz)		9.840 to 50	9.840 to 50
Overtone Order		Fundamental	Fundamental
Frequency Tolerance (25 ±3 °C)		±20 × 10 ⁻⁶	±20 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±30 × 10 ⁻⁶	±30 × 10 ⁻⁶ (Temp extended case, *1)
Operating Temperature Range (°C)		-40 to +85	-40 to +85 *1
Storage Temperature Range (°C)		-40 to +85	-40 to +85
Equivalent Series Resistance		Refer to *2	Refer to *2
Level of Drive (µW)		10 (Max. 200)	10 (Max. 200)
Load Capacitance (pF)		8	6 to 32
Frequency Aging (+25 °C)		---	Max. ±10 × 10 ⁻⁶ / year *1
Specifications Number		STD-CRG-2	Refer to *3

Please specify the model name, frequency, and specification number when you order products.

For further questions regarding specifications, please feel free to contact us.

*1 If you have any other requests, NDK will study it.

*3 Ordering information: Overtone Order Fundamental / 3rd Overtone, the Operating Temperature Range, Frequency versus Temperature Characteristics, Frequency Tolerance, and Load Capacitance.

Ex. Model, Frequency (38.400000MHz 6digits), S1:Fundamental or S3:3rd Overtone

- Operating Temperature Range (-40 to +85°C) - Frequency versus Temperature Characteristics (±30×10⁻⁶)

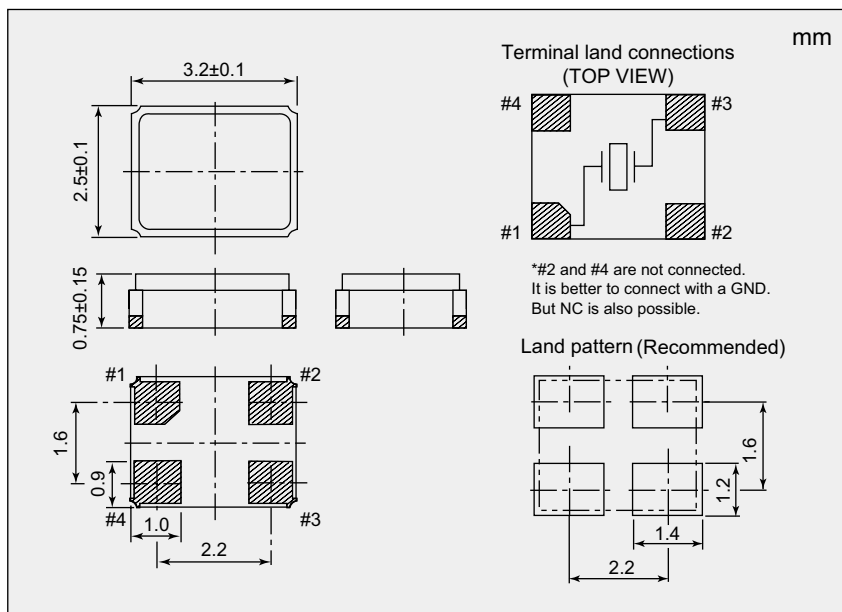
- Frequency Tolerance (±20×10⁻⁶) - Load Capacitance (8pF)

NX3225GA

38.400000MHz

S1-4085-30-20-8

■ Dimensions



*2 Equivalent Series Resistance

Nominal Frequency (MHz)	Equivalent Series Resistance Max. (Ω)
9.840 to 12	200
12 to 13	100
13 to 20	80
20 to 50	50

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