

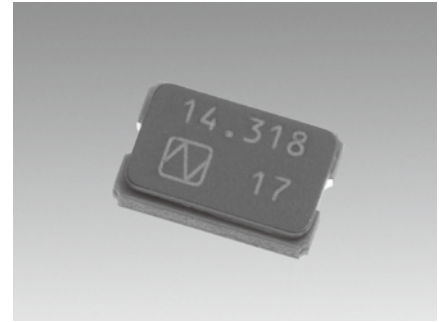
NX5032GA

For OA / AV

■ Features

Ideal for OA/AV applications and Accessories for a car.

- Compact and thin. (5.0×3.2×1.3mm typ.)
- Supports low frequencies starting from 8 MHz.
- Excellent environmental characteristics, including heat and shock resistance.
- Meets the requirements for re-flow profiling using lead-free solder.



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

■ Specifications

Item	Model	NX5032GA					
		Standard					Optional
Nominal Frequency (MHz)		8 to 10.5	10.5 to 50	8 to 10.5	10.5 to 50	50 to 55	8 to 55
Overtone Order		Fundamental					Fundamental
Frequency Tolerance (25 ±3 °C)		±30 × 10 ⁻⁶		±20 × 10 ⁻⁶			±20 × 10 ⁻⁶
Frequency versus Temperature Characteristics (with reference to +25 °C)		±50 × 10 ⁻⁶		±30 × 10 ⁻⁶			±50 × 10 ⁻⁶
Operating Temperature Range (°C)		-40 to +85		-10 to +70			-40 to +85 *3
Storage Temperature Range (°C)		-40 to +125		-40 to +85			-40 to +125
Equivalent Series Resistance		Refer to *1		Refer to *2			Refer to *1 *2
Level of Drive (µW)		50 (Max. 500)					50 (Max. 500)
Load Capacitance (pF)		8					6 to 32
Frequency Aging (+25 °C)		---	---	---	---	---	Max. ±10 × 10 ⁻⁶ / year *3
Specifications Number		STD-CSK-7	STD-CSK-8	STD-CSK-3	STD-CSK-4	STD-CKW-3	Refer to *4

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

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

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

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

Ex. Model, Frequency (24.000000MHz 6digits), S1: Fundamental or S3 : 3rd overtone

– Operating Temperature Range (-40 to +85°C) – Frequency versus Temperature Characteristics (±50 × 10⁻⁶)

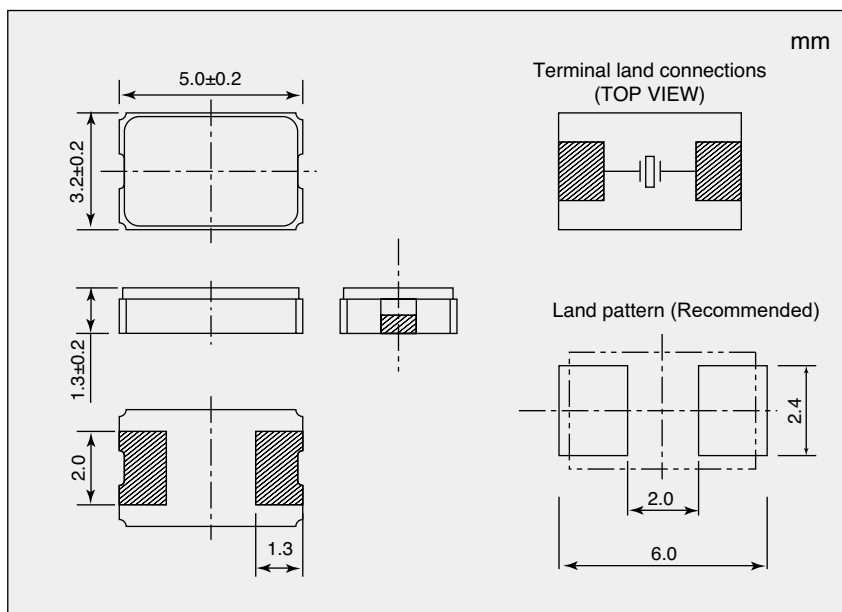
– Frequency Tolerance (±20 × 10⁻⁶) – Load Capacitance (10pF)

NX5032GA

24.000000MHz

S1-4085-50-20-10

■ Dimensions



*1 Equivalent Series Resistance

Nominal Frequency (MHz)	Equivalent Series Resistance Max. (Ω)
8 to 9.5	300
9.5 to 10	150
10 to 20	120
20 to 30	70
30 to 49.99	50

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

*2 Equivalent Series Resistance

Nominal Frequency (MHz)	Equivalent Series Resistance Max. (Ω)
8 to 9.5	300
9.5 to 15	100
15 to 55	50

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