Crystal Units

NX3225GA

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

Specifications

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

Dimensions



*1 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	

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



For OA / AV