



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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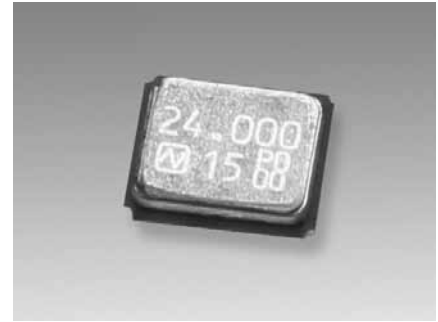


NX2016SA For OA / AV/ Short-range Wireless

■ Features

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

- Ultra compact and thin. (2.0 × 1.6 × 0.45 mm)
- 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.



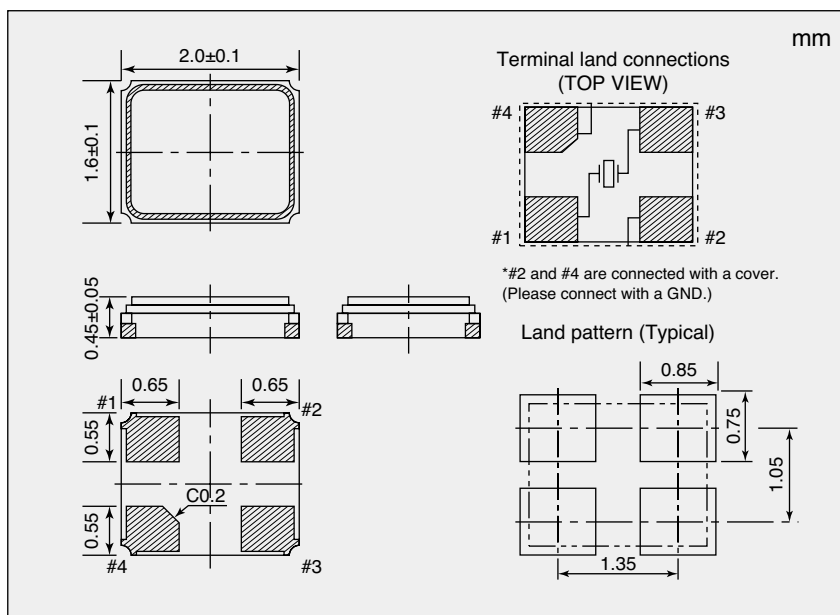
Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX2016SA	
Nominal Frequency		16 to 80 MHz	
Overtone Order		Fundamental	
Frequency Tolerance (25 ±3 °C)		±10 × 10 ⁻⁶	
Frequency versus Temperature Characteristics (with reference to +25 °C)		±25 × 10 ⁻⁶	±15 × 10 ⁻⁶
Operating Temperature Range		-40 to +85 °C	-10 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		8 pF	
Specifications Number		STD-CZS-5	STD-CZS-4

■ Dimensions



*1 Equivalent Series Resistance

Nominal frequency (MHz)	Equivalent Series Resistance max. [Ω]
16 to 18	200
18 to 20	150
20 to 24	100
24 to 26	80
26 to 40	60
40 to 80	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.