Crystal Units



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

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. 100 μW)	
Load Capacitance	8 pF	
Specifications Number	STD-CZS-7	STD-CZS-6

mm

0.75

.05

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.