

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[NDK](#)

[NX5032GA-10.000000MHZ-LN-CD-1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Specification of Crystal

- | | | |
|-------|--|--|
| 1 | NDK Part Number | See table 1 |
| 2 | NDK Specification Number | LN-CD-1 |
| 3 | Type | NX5032GA |
| 4 | Electrical Characteristics | |
| 4.1 | Nominal Frequency (f_{nom}) | See table 1 |
| 4.2 | Overtone order | Fundamental |
| 4.3 | Frequency Tolerance | $\pm 50 \times 10^{-6}$ max. (+25 °C) |
| 4.4 | Frequency Versus Temperature Characteristics | $\pm 50 \times 10^{-6}$ max. (-10 ~ +70 °C)
The reference temperature shall be +25 °C |
| 4.5 | Equivalent Series Resistance (R_r) | See table 1 |
| 4.6 | Shunt Capacitance (C_0) | NA |
| 4.7 | Maximum Drive Level | 500 μ W max. |
| 5 | Measurement Circuit | |
| 5.1 | Frequency Measurement | |
| 5.1.1 | Measuring Instrument | π -network |
| 5.1.2 | Load Capacitance (C_L) | 8 pF |
| 5.1.3 | Level of Drive | 50 μ W |
| 5.2 | Equivalent Resistance Measurement | |
| 5.2.1 | Measuring Instrument | π -network |
| 5.2.2 | Load Capacitance (C_L) | Series |
| 5.2.3 | Level of Drive | 50 μ W |
| 6 | Operable Temperature Range | -10 ~ +70 °C |
| 7 | Storage Temperature Range | -40 ~ +85 °C |
| 8 | Dimension | |

(Unit: mm)

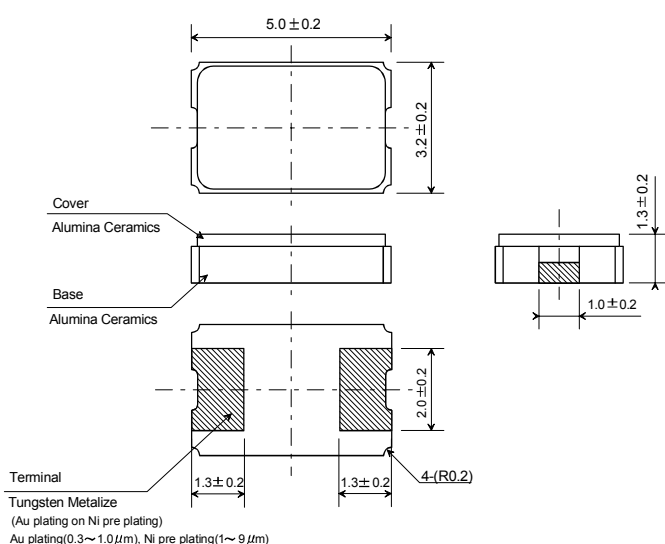
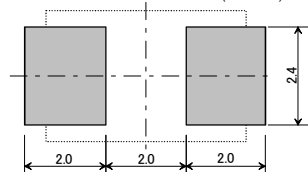


Table 1

f_{nom} (MHz)	R_r (Ω) max.	NDK Part Number
10.000	120	NX5032GA-10.000M-LN-CD-1
12.000	120	NX5032GA-12.000M-LN-CD-1
12.288	120	NX5032GA-12.288M-LN-CD-1
13.560	120	NX5032GA-13.560M-LN-CD-1
16.000	120	NX5032GA-16.000M-LN-CD-1
16.384	120	NX5032GA-16.384M-LN-CD-1
20.000	70	NX5032GA-20.000M-LN-CD-1
24.000	70	NX5032GA-24.000M-LN-CD-1
25.000	70	NX5032GA-25.000M-LN-CD-1
27.000	70	NX5032GA-27.000M-LN-CD-1
30.000	50	NX5032GA-30.000M-LN-CD-1
32.000	50	NX5032GA-32.000M-LN-CD-1
40.000	50	NX5032GA-40.000M-LN-CD-1
48.000	50	NX5032GA-48.000M-LN-CD-1

REFERENCE LAND PATTERN (TYPICAL)



Terminal Land Connection [Top View]

