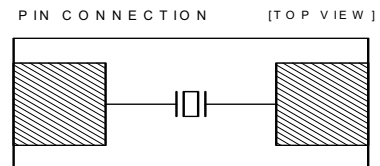
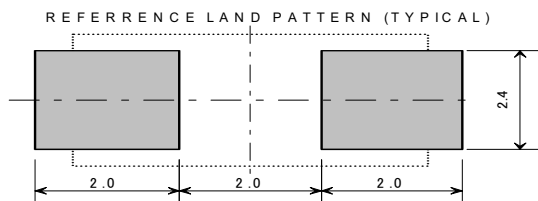
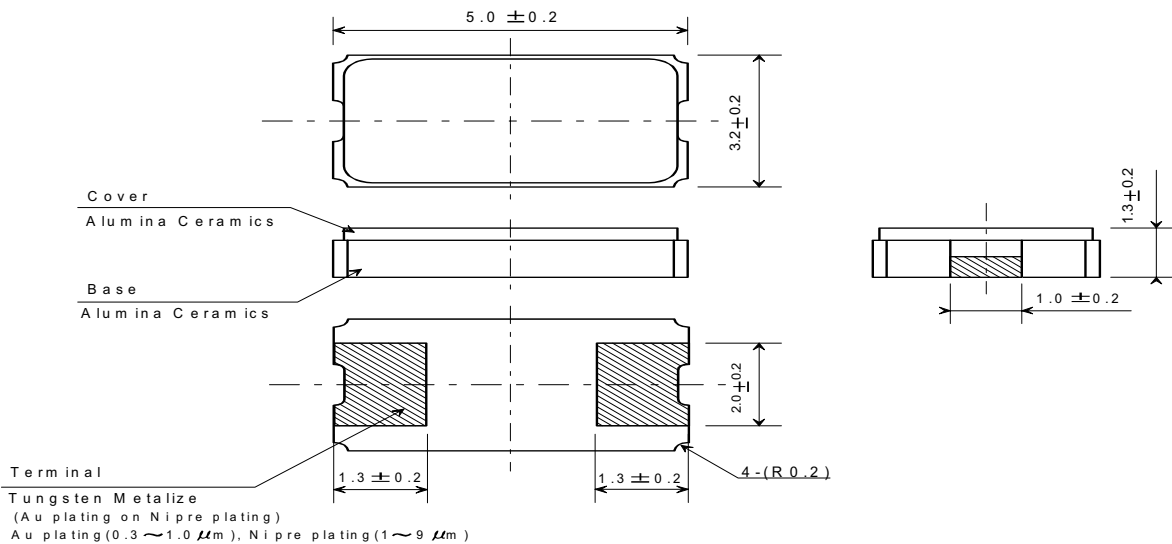


## Specification of Crystal Unit

1	NDK PART NUMBER	NX5032GA (LN-CD-1) NX5032GA
5	Type	
6	Electrical characteristics	* ATTACHED SHEETS 3
6.1	Nominal frequency(F0)	Fundamental
6.2	Overtone order	$\pm 50 \times 10^{-6}$ max. (+25 °C)
6.3	Adjustment tolerance	$\pm 50 \times 10^{-6}$ max. (-10~+70 °C) The reference temperature shall be +25 °C.
6.4	Tolerance over the temperature range	*ATTACHED SHEETS 3
6.5	Equivalent resistance (R1)	NA
6.6	Shunt Capacitance (C0)	500 $\mu$ W max.
6.7	Motional Capacitance (C1)	
7	Measurement circuit	
7.2	Frequency measurement	$\pi$ circuit
7.1.1	Measuring instrument	8pF
7.1.2	Load capacitance(CL)	50 $\mu$ W
7.1.3	Level of drive	
7.2	Equivalent resistance measurement	$\pi$ circuit
7.2.1	Measuring instrument	Series
7.2.2	Load capacitance(CL)	50 $\mu$ W
7.2.3	Level of drive	

## 8 Dimension



Frequency(MHz)	CI(ESR)
10	120 ohm
12	120 ohm
12.288	120 ohm
13.56	120 ohm
16	120 ohm
16.384	120 ohm
20	70 ohm
24	70 ohm
25	70 ohm
27	70 ohm
30	50 ohm
32	50 ohm
40	50 ohm
48	50 ohm