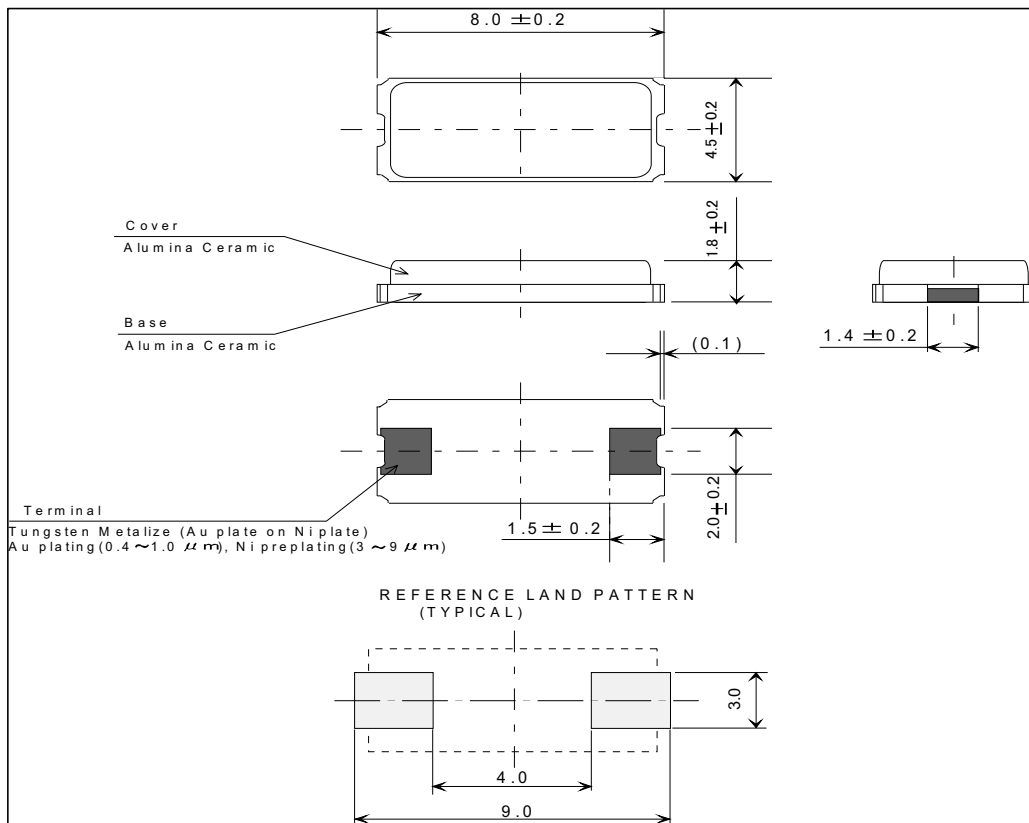


Specification of Crystal Unit

1	NDK PART NUMBER	NX8045GB (LN-CF-001)
2	Type	NX8045GB
3	Electrical characteristics	
3.1	Nominal frequency(F0)	* ATTACHED SHEETS 2
3.2	Overtone order	Fundamental
3.3	Adjustment tolerance	$\pm 50 \times 10^{-6}$ max. (+25 °C)
3.4	Tolerance over the temperature range	$\pm 50 \times 10^{-6}$ max. (-10~+70 °C) The reference temperature shall be +25 °C.
3.5	Equivalent resistance (R1)	*ATTACHED SHEETS 2
3.6	Shunt Capacitance (C0)	NA
3.7	Maximum Drive Level	500μW max.
4	Measurement circuit	
4.1	Frequency measurement	
4.1.1	Measuring instrument	π circuit
4.1.2	Load capacitance(CL)	8pF
4.1.3	Level of drive	50μW
4.1.4	Equivalent resistance measurement	
4.1.5	Measuring instrument	π circuit
4.1.6	Load capacitance(CL)	Series
4.1.7	Level of drive	50μW
7.2.3	Level of drive	
8	Dimension	



Frequency(MHz)	CI(ESR)
8	200 ohm
10	100 ohm
12	80 ohm
12.288	80 ohm
13.56	50 ohm
14.31818	50 ohm
16.9344	50 ohm
18.432	50 ohm
20	50 ohm
24	50 ohm
25	50 ohm
27	50 ohm
30	50 ohm
32	50 ohm
40	50 ohm