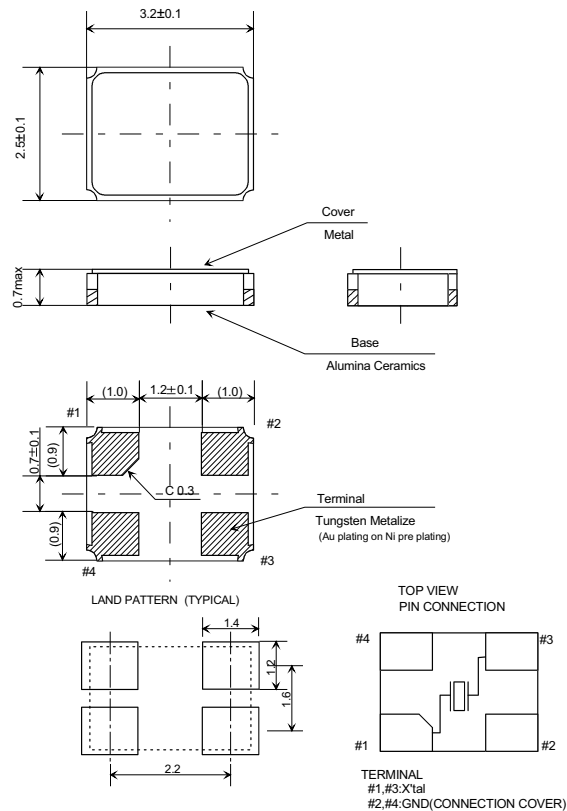


Specification of Crystal Unit

1	NDK PART NUMBER	NX3225SA (STD-CSR-1)
5	Type	NX3225SA
6	Electrical characteristics	
6.1	Nominal frequency(F0)	* ATTACHED SHEETS 4
6.2	Overtone order	Fundamental
6.3	Adjustment tolerance	$\pm 15 \times 10^{-6}$ max. (+25 °C)
6.4	Tolerance over the temperature range	$\pm 15 \times 10^{-6}$ max. (-10~+70 °C) The reference temperature shall be +25 °C.
6.5	Equivalent resistance (R1)	*ATTACHED SHEETS 4
6.6	Shunt Capacitance (C0)	NA
6.7	Motional Capacitance (C1)	200 μ W max.
7	Measurement circuit	
7.2	Frequency measurement	
7.1.1	Measuring instrument	π circuit
7.1.2	Load capacitance(CL)	8 pF
7.1.3	Level of drive	50 μ W
7.2	Equivalent resistance measurement	
7.2.1	Measuring instrument	π circuit
7.2.2	Load capacitance(CL)	Series
7.2.3	Level of drive	50 μ W
8	Dimension	



Frequency(MHz)	CI(ESR)
12	120 ohm
14.31818	100 ohm
16	80 ohm
20	70 ohm
22	70 ohm
24	70 ohm
24.576	70 ohm
26	70 ohm
27	70 ohm
32	50 ohm
40	50 ohm
44	50 ohm