## **Specification of Crystal Unit**



1	NDK PART NUMBER	NX5032GA (STD-CSU-1)(STD-CSU-2) NX5032GA
5	Туре	
6 6.1 6.2	Electrical characteristics Nominal frequency(F0) Overtone order	* ATTACHED SHEETS 3 8MHZ to40MHZ Fundamental
6.3	Adjustment tolerance	±50×10 <sup>-6</sup> max. (+25 °C)
6.4	Tolerance over the temperature range	$\pm 150 \times 10^{-6}$ max. (-40~+150 °C) The reference temperature shall be +25 °C.
6.5	Equivalent resistance (R1)	*ATTACHED SHEETS 3
6.6	Shunt Capacitance (C0)	NA
6.7	Motional Capacitance (C1)	$500\mu W$ max.
7.1.2 7.1.3 7.2 7.2.1 7.2.2	Measurement circuit Frequency measurement Measuring instrument Load capacitance(CL) Level of drive Equivalent resistance measurement Measuring instrument Load capacitance(CL)	π circuit 8pF 10μW $π$ circuit Series 10μW
7.2.3	Level of drive	
T e rm T u n g (A u p	S Dimension  5.0 ±0.2  Cover Alumina Ceramics  Base Alumina Ceramics  Tungsten Metalize (Au plating on Nipre plating) Au plating on Nipre plating) Au plating (0.3 ~1.0 μm), Nipre plating (1~9 μm)	
	REFERRENCE LAND PATTERN (TY	

Frequency(MHz)	CI(ESR)
8	300
10	120 ohm
12	120 ohm
16	120 ohm
20	70 ohm
40	50 ohm