

Specification of Crystal Unit

1	NDK PART NUMBER	NX5032SA-13.000000MHZ-G1
2	CHIPSET MAKER	ATHEROS
3	APPLICATION	GSM (GPRS, EDGE)
4	CHIPSET NAME	AERO
5	Type	NX4025DA
6	Electrical characteristics	
6.1	Nominal frequency(F0)	13.000MHz
6.2	Overtone order	Fundamental
6.3	Adjustment tolerance	$\pm 10 \times 10^{-6}$ max. (+25 °C)
6.4	Tolerance over the temperature range	$\pm 10 \times 10^{-6}$ max. (-20~+85 °C) The reference temperature shall be +25 °C.
6.5	Equivalent resistance (R1)	40Ω max. (-20~+85 °C)
6.6	Shunt Capacitance (C0)	1.55pF+/-10%
6.7	Motional Capacitance (C1)	5.07fF+/-15%
7	Measurement circuit	
7.2	Frequency measurement	
7.1.1	Measuring instrument	π circuit
7.1.2	Load capacitance(CL)	8pF
7.1.3	Level of drive	10μW
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	10μW

8 Dimension

