

## Specification of Crystal Unit

1	NDK PART NUMBER	NX4025DA-16.000000MHz-B5
2	CHIPSET MAKER	CAMBRIDGE SILICON RADIO
3	APPLICATION	BLUETOOTH
4	CHIPSET NAME	VIPER
5	Type	NX4025DA
6	Electrical characteristics	
6.1	Nominal frequency(F0)	16.000MHz
6.2	Overtone order	Fundamental
6.3	Adjustment tolerance	$\pm 10 \times 10^{-6}$ max. (+25 °C)
6.4	Tolerance over the temperature range	$\pm 15 \times 10^{-6}$ max. (-30~+85 °C) The reference temperature shall be +25 °C.
6.5	Equivalent resistance (R1)	60Ω max. (-40~+85 °C)
6.6	Shunt Capacitance (C0)	1.04pF+/-15%
6.7	Motional Capacitance (C1)	3.97fF+/-15%
7	Measurement circuit	
7.2	Frequency measurement	
7.1.1	Measuring instrument	$\pi$ circuit
7.1.2	Load capacitance(CL)	7.2pF
7.1.3	Level of drive	10μW
7.2	Equivalent resistance measurement	
7.2.1	Measuring instrument	$\pi$ circuit
7.2.2	Load capacitance(CL)	Series
7.2.3	Level of drive	10μW
8	Dimension	

