Specification of Quartz Crystal Units

1	NDK Part Number	NX5032GA-25MHz-EXS00A-CG07041
2	Chipset Maker	---
3	Application	Clock Generator
4	Chipset Name	---
5	NDK Specification Number	EXS00A-CG07041
6	Type	NX5032GA
7	Electrical Characteristics	

	Parameters	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal Frequency (fnom)	fnom	25.000			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-20	-	+20	ppm	at +25°C
4	Frequency versus temperature characteristics *1.	-	-30	-	+30	ppm	at -40 to +85°C
5	Equivalent Series Resistance	Rr	-	-	70	Ω	PI-Network Series
6	Load capacitance	CL	-	18	-	pF	PI-Network
7	Level of drive	-	-	50	500	μW	
8	Insulation resistance	-	500	-	-	MΩ	*2.
9	Operating temperature range	Topr	-40	-	+85	°C	
10	Storage temperature range	Tstr	-40	-	+85	°C	
11	Air-tightness	-	-	-	3.0×10^-9	Pa m^3/s	Helium leak detector

*1. The reference temperature shall be +25°C

*2. When terminal to terminal and terminal to cover were applied at DC100V ±15V.

: Dimension

