Specification of Quartz Crystal Units



1 NDK Part Number NX5032GA-8MHz-EXS00A-CG07039

2 Chipset Maker

3 Application Clock Generator

4 Chipset Name

5 NDK Specification Number EXS00A-CG07039

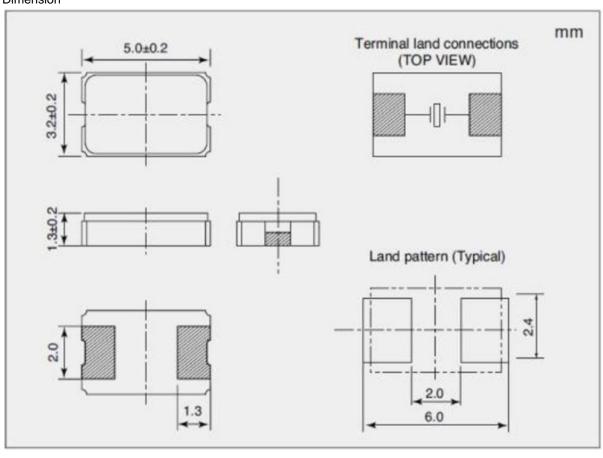
6 Type NX5032GA

7 Electrical Characteristics

	Parameters		Electrical Spec.				Notes
	raiameteis	SYM.	min	typ	max	Units	Notes
1	Nominal Frequency (fnom)	fnom	8.000		MHz		
2	Overtone order	-	Fundamental		-		
3	Frequency tolerance	-	-20	-	+20	ppm	at +25°C
4	Frequency versus temperature characteristics *1.	ı	-30	-	+30	ppm	at -40 to +85°C
5	Equivalent Series Resistance	Rr	-	-	300	Ω	PI-Network Series
6	Load capacitance	CL	-	18	-	рF	PI-Network
7	Level of drive	-	-	50	500	μW	
8	Insulation resistance	-	500	-	-	МΩ	*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

¹Dimension



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