Specification of Quartz Crystal Units



1 NDK Part Number NX3225GA-12MHz-EXS00A-CG07042

2 Chipset Maker

3 Application Clock Generator

4 Chipset Name

5 NDK Specification Number EXS00A-CG07042

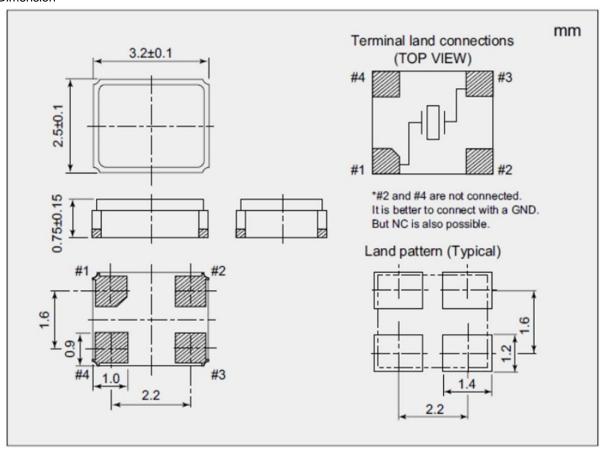
6 Type NX3225GA

7 Electrical Characteristics

	Parameters		Electrical Spec.				Notes
	Faiameters	SYM.	min	typ	max	Units	Notes
1	Nominal Frequency (fnom)	fnom	12.000 MH		MHz		
2	Overtone order	-	Fundamental -		-		
3	Frequency tolerance	-	-30	-	+30	ppm	at +25°C
4	Frequency versus temperature characteristics *1.	ı	-30	-	+30	ppm	at -10 to +60°C
5	Equivalent Series Resistance	Rr	-	-	100	Ω	IEC PI-Network Series
6	Load capacitance	CL	-	10	-	рF	IEC PI-Network
7	Level of drive	-	-	10	200	μW	
8	Insulation resistance	-	500	-	-	МΩ	*2.
9	Operating temperature range	Topr	-10	-	+60	°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.