Specification of Quartz Crystal Units



1 NDK Part Number NX2016SA-27.12MHz-EXS00A-CS11337

2 Chipset Maker

3 Application Clock Generator

4 Chipset Name

5 NDK Specification Number EXS00A-CS11337

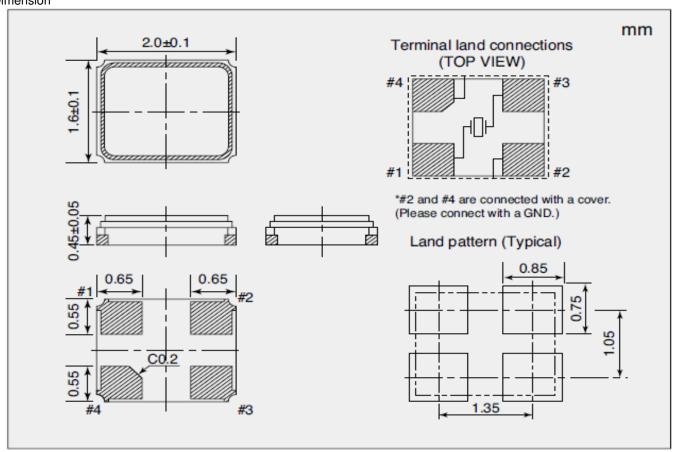
6 Type NX2016SA

7 Electrical Characteristics

	Parameters		Electrical Spec.				Notes
	r arameters	SYM.	min	typ	max	Units	Notes
1	Nominal Frequency (fnom)	fnom	27.120 MH		MHz		
2	Overtone order	1	Fundamental -		-		
3	Frequency tolerance	1	-30	-	+30	ppm	at +25°C
4	Frequency versus temperature characteristics *1.	1	-40	-	+40	ppm	at -30 to +85°C
5	Equivalent Series Resistance	Rr	-	-	60	Ω	IECπ -Network Series
6	Load capacitance	CL	-	6	-	рF	IECπ -PI-Network
7	Level of drive	1	-	10	200	μW	
8	Insulation resistance	1	500	-	-	Ω	*2.
9	Operating temperature range	Topr	-30	-	+85	°C	
10	Storage temperature range	Tstr	-40	-	+85	°C	
11	Air-tightness	-	-	-	1.1×10^-9	Pa m^3/s	Helium leak detector

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

⁻ Dimension



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