

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	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal Frequency (f _{nom})	f _{nom}	27.120			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-30	-	+30	ppm	at +25°C
4	Frequency versus temperature characteristics *1.	-	-40	-	+40	ppm	at -30 to +85°C
5	Equivalent Series Resistance	R _r	-	-	60	Ω	IECπ -Network Series
6	Load capacitance	CL	-	6	-	pF	IECπ -PI-Network
7	Level of drive	-	-	10	200	μW	
8	Insulation resistance	-	500	-	-	Ω	*2.
9	Operating temperature range	Topr	-30	-	+85	°C	
10	Storage temperature range	Tstr	-40	-	+85	°C	
11	Air-tightness	-	-	-	1.1x10 ⁻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

