Crystal Bridge to the Future

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 (fnom)	fnom		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	Rr	-	-	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	-	-	-	1.1×10^{-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

iUST.09.