



Customer: _____

Item:	Crystal Unit
-------	--------------

Type: NX3225SA

Nominal Frequency: 13.1072 MHz

Customer's Spec. No.:

NDK Spec. No.: NX3225SA-13.1072MHZ
S1-4085-3010-8

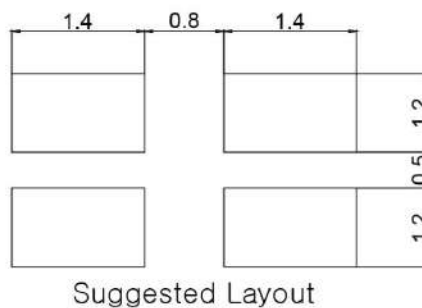
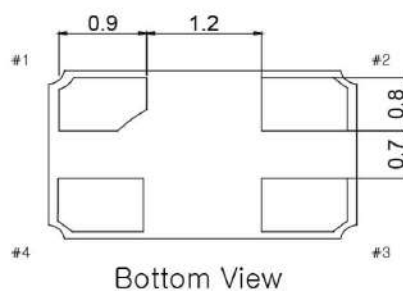
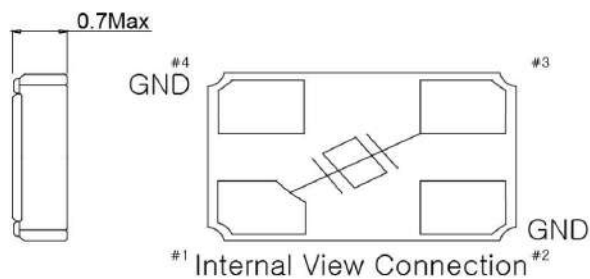
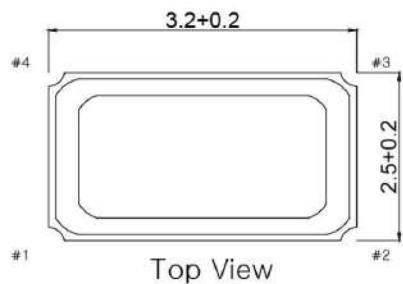
Receipt

NIHON DEMPA KOGYO CO., LTD.

1. Customer's Spec. No. :
2. NDK Spec. No. : NX3225SA-13.1072MHZ S1-4085-3010-8
3. Type : NX3225SA

4. Electrical Specifications

	Parameters	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal frequency	f _{nom}	13.1072			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-10	-	+10	×10 ⁻⁶	at + 25°C
4	Frequency versus temperature characteristics	-	-30	-	+30	×10 ⁻⁶	at -40~+85°C The reference temperature shall be +25°C
5	Frequency Aging(at +25°C)	-	-2	-	+2	×10 ⁻⁶	years
6	Equivalent resistance	-	-	-	100	Ω	IEC PI-network/Series
7	Load capacitance	C _L	-	8	-	pF	
8	Level of drive	-	-	10	200	μW	
9	Shunt Capacitance	C ₀	-		3.0	pF	
10	Motional Capacitance	C ₁			N/A	fF	
11	Operating temperature range	T _{opr}	-40	-	+85	°C	
12	Storage temperature range	T _{str}	-40	-	+85	°C	
13	Insulation resistance	-	500	-	-	MΩ	When terminal to terminal and terminal to cover were applied at DC100V ±15V.



Marking information

1. XX.XXX : Frequency
2. YYWW : Product Code
(Year / week code)

Recommendation reflow condition

