

SPECIFICATION

Customer: _____

Item: _____ Crystal Unit

Type: _____ NX3225SA

Nominal Frequency: _____ 24 MHz

Customer's Spec. No.: _____

NDK Spec. No.: _____ NX3225SA-24M S1-4085-2010-18

Receipt

Revision Record						
Rev.	Date	Items	Contents	Approved	Checked	Drawn

1. Customer's Spec. No.

:

2. NDK Spec. No.

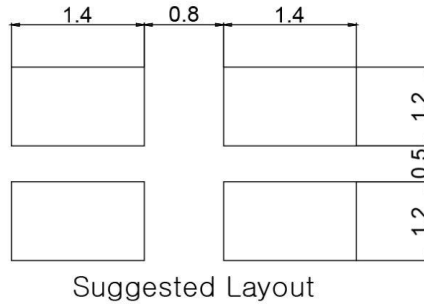
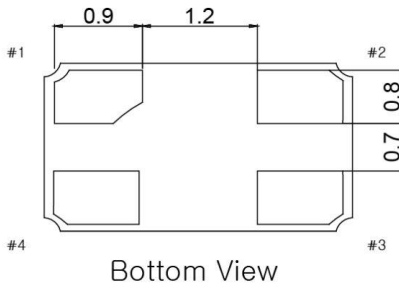
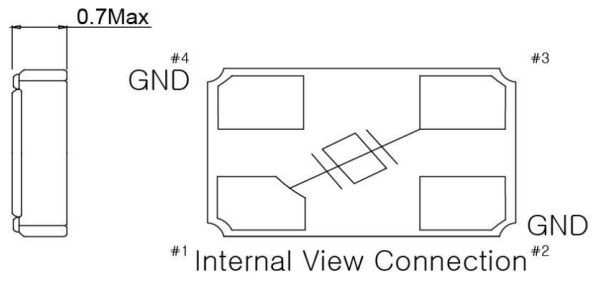
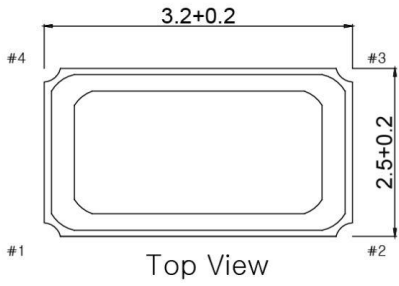
: NX3225SA-24M S1-4085-2010-18

3. Type

: NX3225SA

4. Electrical Specifications

	Parameters	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal frequency	f_{nom}	24.000			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-10	-	+10	$\times 10^{-6}$	at + 25°C
4	Frequency versus temperature characteristics	-	-20	-	+20	$\times 10^{-6}$	at -40~+85°C The reference temperature shall be +25°C
5	Frequency Aging(at +25°C)	-	-2	-	+2	$\times 10^{-6}$	years
6	Equivalent resistance	-	-	-	40	Ω	IEC PI-network/Series
7	Load capacitance	C_L	-	18	-	pF	IEC PI-network
8	Level of drive	-	-	10	200	μW	
9	Shunt Capacitance	C_o	-		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	-	-	M Ω	When terminal to terminal and terminal to cover were applied at DC100V $\pm 15V$.



Recommendation reflow condition

