

1. Customer's Spec. No.

:

2. NDK Spec. No.

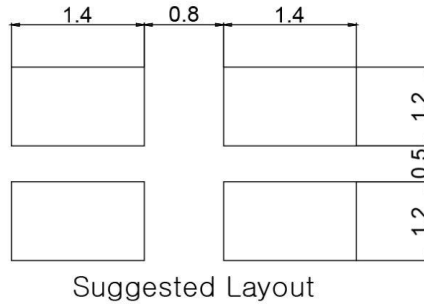
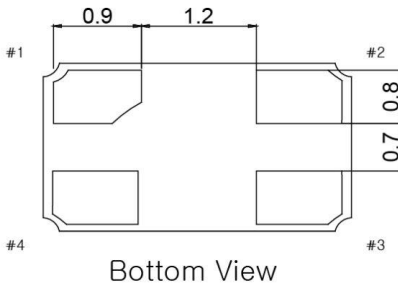
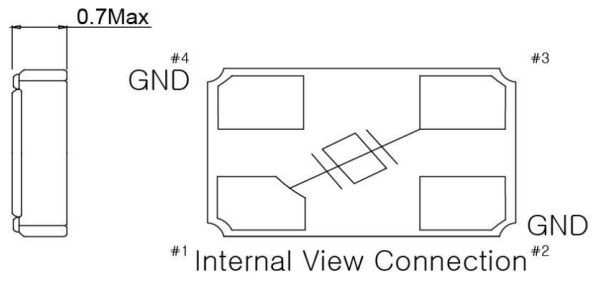
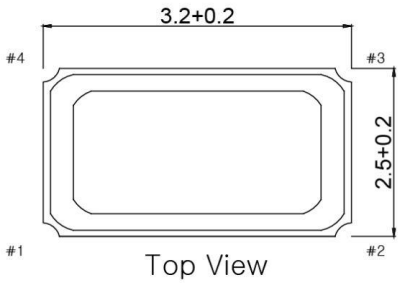
: NX3225SA-52M S1-4085-2010-8

3. Type

: NX3225SA

4. Electrical Specifications

	Parameters	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal frequency	f_{nom}	52.000			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	-	-	-	30	Ω	IEC PI-network/Series
7	Load capacitance	C_L	-	8	-	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

