



1. Customer's Spec. No.

:

2. NDK Spec. No.

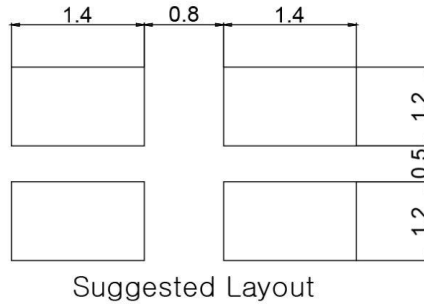
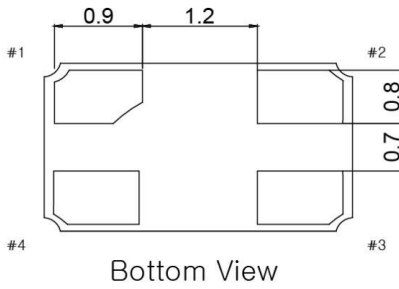
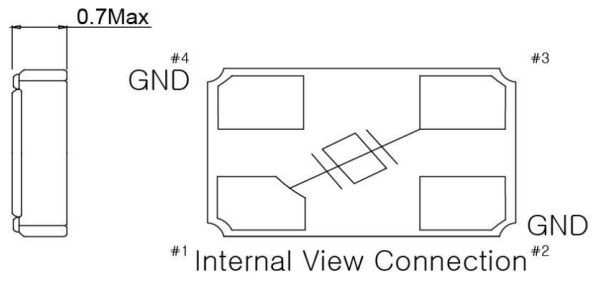
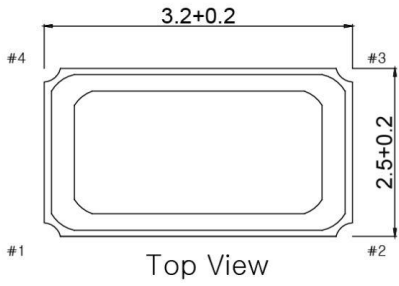
: NX3225SA-25MHZ S1-4085-3010-12

3. Type

: NX3225SA

#### 4. Electrical Specifications

	Parameters	SYM.	Electrical Spec.				Notes
			min	typ	max	Units	
1	Nominal frequency	$f_{nom}$	25.000			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-10	-	+10	$\times 10^{-6}$	at + 25°C
4	Frequency versus temperature characteristics	-	-30	-	+30	$\times 10^{-6}$	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	$\Omega$	IEC PI-network/Series
7	Load capacitance	$C_L$	-	12	-	pF	
8	Level of drive	-	-	10	200	$\mu W$	
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 $\Omega$	When terminal to terminal and terminal to cover were applied at DC100V $\pm$ 15V.



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

### Recommendation reflow condition

