

1. Customer's Spec. No. : ---
2. NDK Spec. No. : EXS00A-CH00513
3. Type : NX3225HB
4. Electrical Specifications

	Parameters	SYM.	Electrical Spec.				Notes
			MIN	TYP	MAX	UNITS	
1	Nominal frequency	$f_{nom}$	16.000			MHz	
2	Overtone order	-	Fundamental			-	
3	Frequency tolerance	-	-10	-	+10	ppm	at +25°C
4	Frequency versus temperature characteristics	-	-30	-	+30	ppm	at -30~+85 °C The reference temperature shall be 25°C
5	Equivalent resistance	$R_r$	-	-	80	$\Omega$	IEC $\pi$ -network / Series
6	Load capacitance	$C_L$	-	9	-	pF	IEC $\pi$ -network
7	Level of drive	-	-	10	200	$\mu$ W	
8	Insulation resistance	-	500	-	-	M $\Omega$	Terminal to terminal insulation resistance must be 500M $\Omega$ (min) when DC100V $\pm$ 15V is applied.
9	Storage temperature range	-	-40	-	+85	°C	

## 5. Examination results document

Since a performance is guaranteed, an examination results document does not submit.

## 6. Application drawing

- 6.1 External dimension : EXD14B-00616
- 6.2 Structural Drawing : EXD13B-00290
- 6.3 Taping and reel figure : EXK17B-00247
- 6.4 Reel Packing : EEK17B-00028
- 6.5 Holder marking : EXH11B-00457
- 6.6 Reliability assurance item : EXS30B-00788
- 6.7 Reflow Condition : EXS30B-00344