



NINGBO RHT ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

RHTNYC3225

Nominal frequency range: 10.000~54.000 MHZ , 54.000~125.000 MHZ

Crystal cut: Fundamental [AT-cut], 3rd overtone [AT-cut]

Storage temperature range: -40℃~+85℃

Operating temperature range: -10℃~+60℃, -30℃~+85℃

Frequency temperature characteristics(Ref. to +25℃): $\pm 10 \times 10^{-6}$ $\pm 15 \times 10^{-6}$

Frequency tolerance (at +25℃): $\pm 10 \times 10^{-6}$

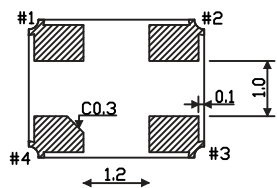
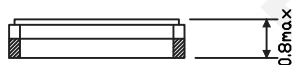
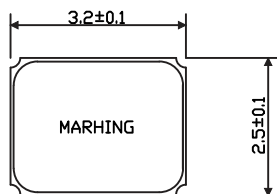
Equivalent series resistance: Please Refer to the Following ESR Table

Load capacitance: Series, 10pF, 12pF, 16pF

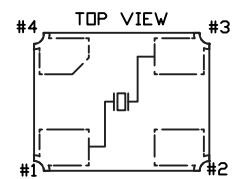
Shunt capacitance: 5pF max.

Level of drive: 10 μ W (100 μ W max.)

Outline and Dimensions [unit:mm]

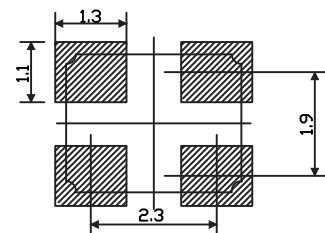


Frequency	ESR(Ω)
Fundamental	
10.000~15.999	100
16.000~18.999	80
19.000~29.999	60
30.000~54.000	40
3rd overtone	
54.000~125.000	100



#1,#3:Crystal terminal
#2,#4:Connected to cover
(Please connect it with GND)

Example of a Terminal Land Pattern



ORDER INFORMATION

RHTNYC3225-XXXX-XX-XX-X

Operating emperature: A:-10℃~+60℃
C:-30℃~+85℃
Frequency Tolerance:10=10ppm
Load Capacitance08=8pF
Frequency16.000=16.000MHz
Series