



# NINGBO RHT ELECTRONIC CO.,LTD

## QUARTZ CRYSTAL RESONATOR

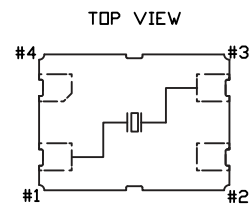
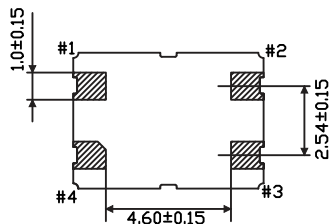
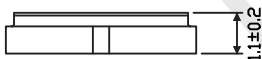
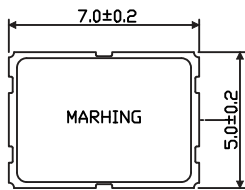
### PARAMETERS

RHTNYC-7050

Nominal frequency range: 6.000-40.000 MHZ , 30.000~100.000 MHZ  
 Crystal cut: Fundamental [AT-cut], 3rd overtone [AT-cut]  
 Storage temperature range: -40°C~+85°C  
 Operating temperature range: -10°C~+60°C, -30°C~+85°C  
 Frequency temperature characteristics(Ref. to +25°C):  $\pm 10 \times 10^{-6}$   $\pm 20 \times 10^{-6}$   
 Frequency tolerance (at +25°C):  $\pm 10 \times 10^{-6}$   $\pm 20 \times 10^{-6}$   $\pm 30 \times 10^{-6}$   
 Equivalent series resistance: Please Refer to the Following ESR Table  
 Load capacitance: Series, 16pF, 20pF, 30pF  
 Shunt capacitance: 5pF max.  
 Level of drive: 10  $\mu$ W (100  $\mu$ W max.)

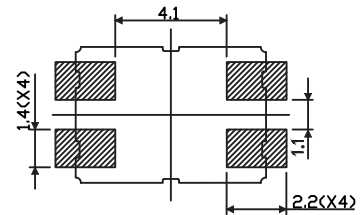


### Outline and Dimensions [unit:mm]



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

Example of a Terminal Land Pattern



Frequency	ESR( $\Omega$ )
Fundamental	
6.000~7.999	80
8.000~9.999	60
10.000~14.999	40
15.000~40.000	30
3rd overtone	
30.000~100.000	100

### ORDER INFORMATION

