



NINGBO RHT ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

RHTNY7C5032

Nominal frequency range: 8.000~54.000 MHZ , 45.000~60.000 MHZ

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

Storage temperature range: -40℃~+85℃

Operating temperature range: -10℃~+70℃, -30℃~+85℃

Frequency temperature characteristics(Ref. to +25℃): $\pm 30 \times 10^{-6}$ $\pm 50 \times 10^{-6}$ $\pm 100 \times 10^{-6}$

Frequency tolerance (at +25℃): $\pm 30 \times 10^{-6}$ $\pm 50 \times 10^{-6}$

Equivalent series resistance: Please Refer to the Following ESR Table

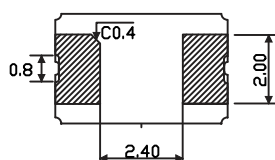
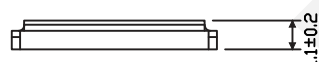
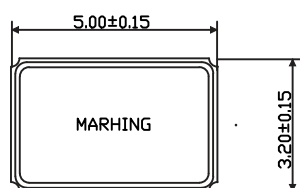
Load capacitance: Series, 10pF, 12pF, 16pF, 18pF, 20pF

Shunt capacitance: 5pF max.

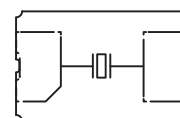
Level of drive: 10 μ W (100 μ .W max)



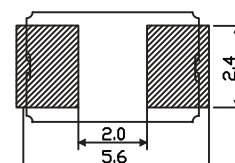
Outline and Dimensions [unit:mm]



TOP VIEW



Example of a Terminal Land Pattern



Frequency	ESR(Ω)
Fundamental	
8.000~9.999	80
10.000~11.999	50
12.000~54.999	40
3rd overtone	
45.000~60.000	90

ORDER INFORMATION

RHTNY7C5032-XXXX-XX-XX-X

Operating temperature: A: -10℃~+60℃

C: -30℃~+85℃

Frequency Tolerance: 10=10ppm

Load Capacitance: 12=12pF

Frequency: 16.000=16.000MHz

Series