

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYNYC5032

Nominal frequency range: 8.000~54.000 MHZ , 40.000~100.000 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℃): $\pm 10 \times 10^{-6}$

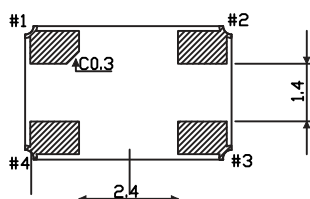
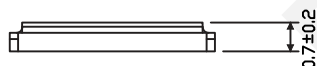
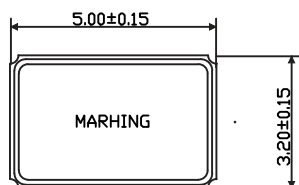
Equivalent series resistance: Please Refer to the Following ESR Table

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

Shunt capacitance: 5pF max.

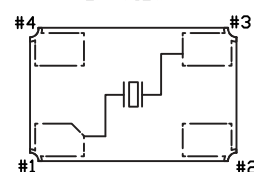
Level of drive: 10 μ W (100 μ W max.)

Outline and Dimensions [unit:mm]



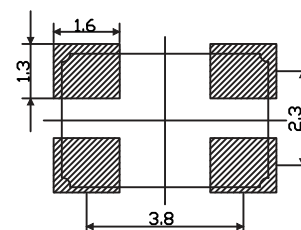
Frequency	ESR(Ω)
Fundamental	
8.000~10.999	60
11.000~11.999	50
12.000~24.999	40
25.000~54.000	30
3rd overtone	
40.000~59.999	120
60.000~100.000	80

TOP VIEW



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

Example of a Terminal Land Pattern



ORDER INFORMATION

ERYNYC5032-XXXX-XX-XX-X

Operating emperature: A:-10℃~+60℃
C: -30℃~+85℃

Frequency Tolerance:10=10ppm

Load Capacitance:08=8pF

Frequency:16.000=16.000MHz

Series