

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYNYC-2016

Nominal frequency range:16.000-56.000 MHZ

Storage temperature range:-40 ~+85

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℃): $\pm 10 \times 10^{-6}$

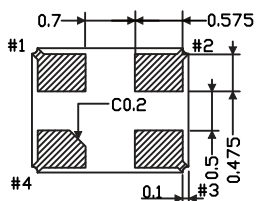
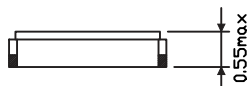
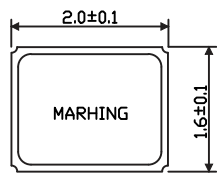
Equivalent series resistance: Please Refer to the Following ESR Table

Load capacitance: 8pF, 12pF

Shunt capacitance: 5pF max.

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

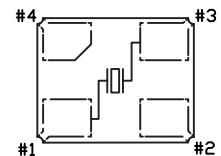
Outline and Dimensions [unit:mm]



Frequency	ESR(Ω)
Fundamental	
16.000~19.999	150
20.000~29.999	100
30.000~35.999	80
36.000~356.000	60

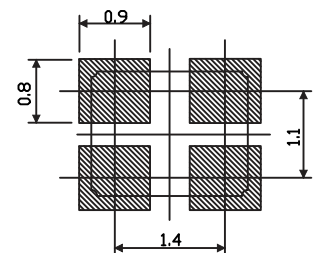


TOP VIEW



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

Example of a Terminal Land Pattern



ORDER INFORMATION

ERYNYC2016-XXXX-XX-XX-X

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

Frequency Tolerance:10=10ppm

Load Capacitance:08=8pF

Frequency:16.000=16.000MHz

Series