

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYNYC7050

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℃~+85℃

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

Frequency temperature characteristics(Ref. to +25℃): $\pm 10 \times 10^{-6}$ $\pm 20 \times 10^{-6}$

Frequency tolerance (at +25℃): $\pm 10 \times 10^{-6}$ $\pm 20 \times 10^{-6}$ $\pm 30 \times 10^{-6}$

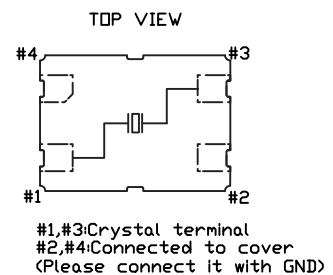
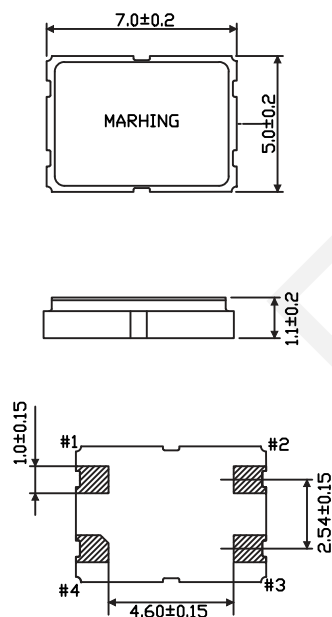
Equivalent series resistance: Please Refer to the Following ESR Table

Load capacitance: Series, 16pF, 20pF, 30pF

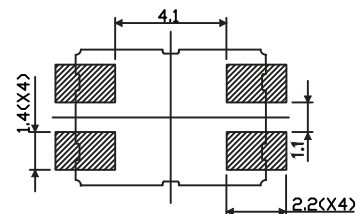
Shunt capacitance: 5pF max.

Level of drive: 10 μ W (100 μ W max.)

Outline and Dimensions [unit:mm]



Example of a Terminal Land Pattern



Frequency	ESR(Ω)
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

ERYNYC7050-XXXX-XX-XX-X

- Operating emperature: A-10℃~+60℃
C: -30℃~+85℃
- Frequency Tolerance: 10=10ppm 20=20ppm
30=30ppm
- Load Capacitance: 20=20pF
- Frequency: 16.000=16.000MHz
- Series