

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYNYC2520

Nominal frequency range:12.000~66.000 MHz

Crystal cut:Fundamental [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): $\pm 10 \times 10^{-6}$

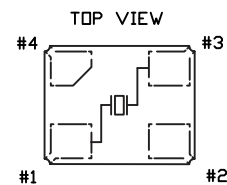
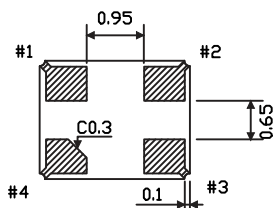
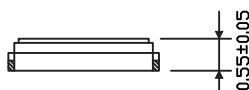
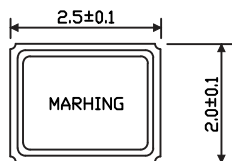
Equivalent series resistance:Please Refer to the Following ESR Table

Load capacitance:8pF, 12pF

Shunt capacitance:5pF max.

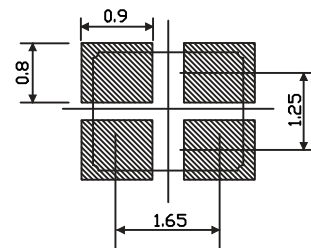
Level of drive:10 μ W(10 μ W max.)

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(Ω)
Fundamental	
12.000~15.999	150
16.000~19.999	80
20.000~29.999	60
30.000~34.000	50
35.000~66.000	40

ORDER INFORMATION

ERYNYC2520-XXXX-XX-XX-X

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

Frequency Tolerance:10=10ppm

Load Capacitance08=8pF

Frequency16.000=16.000MHz

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