

NINGBO ERYCO ELECTRONIC CO.,LTD

QUARTZ CRYSTAL RESONATOR

PARAMETERS

ERYNY7C3225

Nominal frequency range : 10.000-54.000 MHZ

Crystal cut : Fundamental [AT-cut] ,

Storage temperature range : -40°C~+85°C

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

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

Frequency tolerance (at +25°C) : $\pm 10 \times 10^{-6}$

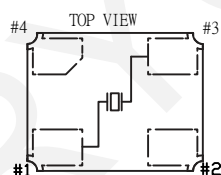
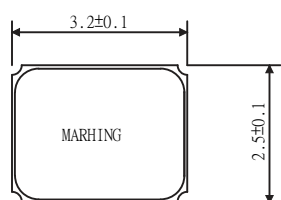
Equivalent series resistance : Please Refer to the Following ESR Table

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

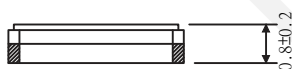
Shunt capacitance : 5pF max.

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

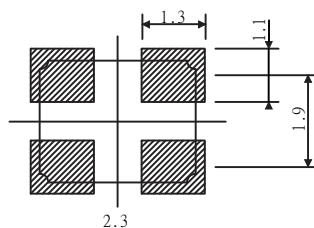
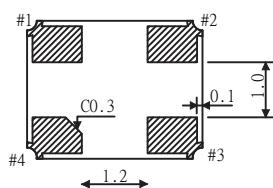
Outline and Dimensions [unit:mm]



#1,#3:Crystal terminal|#2,#4:NC



Example of a Terminal Land Pattern



Frequency	ESR(Ω)
Fundamental	
10.000~12.999	200
13.000~13.999	150
14.000~15.999	120
16.000~18.999	100
19.000~29.999	80
30.000~54.000	60

ORDER INFORMATION

ERYNY7C3225-XXXX-XX-XX-X

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

Frequency Tolerance: ± 10 ppm

Load Capacitance: 12=12pF

Frequency: 16.000=16.000MHz

Series