



QUARTZ CRYSTAL RESONATOR

PARAMETERS

RHTNYC-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℃): $\pm 10 \times 10^{-6}$, $\pm 15 \times 10^{-6}$

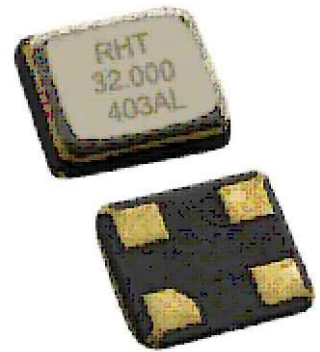
Frequency tolerance(at +25℃): $\pm 10 \times 10^{-6}$

Equivalent series resistance: Please Refer to the Following ESR Table

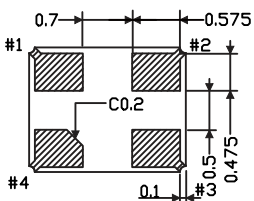
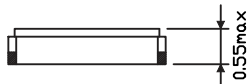
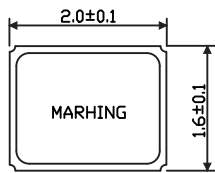
Load capacitance: 8pF, 12pF

Shunt capacitance: 5pF max.

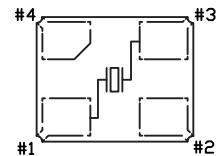
Level of drive: 10 μ W (100 μ W max .)



Outline and Dimensions [unit:mm]

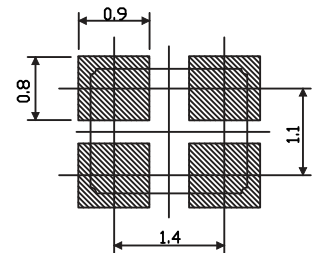


TOP VIEW



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

Example of a Terminal Land Pattern



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

ORDER INFORMATION

