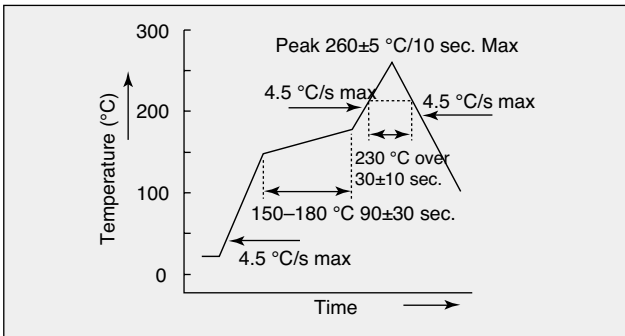


## How to Handle NZ3225S Series

### Example of Lead-free Soldering Conditions (Infrared Soldering)



#### Soldering conditions

The product's characteristics may deteriorate, depending on soldering conditions. Use the product within the following limitations:

- \* At 260 °C or less within 10 seconds or at 230 °C or less within 60 seconds

#### Shock Resistance

This product has been designed to be highly resistant to shock (it is guaranteed that it will not be damaged when dropped three times from a height of 75 cm onto a hard wooden board or at  $29,400/s^2$  in each of the half-wave sine-wave X, Y, and Z directions three times). However, if the unit is dropped by mistake, measure the performance (oscillation check) of the product again.

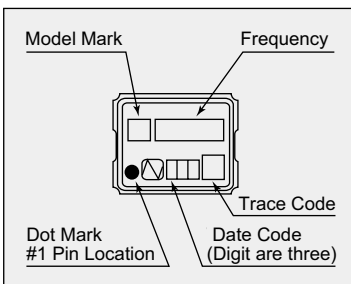
#### Cleaning

Ultrasonic cleaning of this product is possible, but depending on the cleaning conditions the product's oscillator may suffer a resonance fracture. Before ultrasonic cleaning, make sure to check the conditions.

#### Others

- Because CMOS is used for this product, pay great care to static electricity in the same way as for normal CMOS IC.
- The #2 terminal (GND) is a ground terminal. Therefore, if it is mistaken for the #4 terminal ( $V_{CC}$ ) and a reverse voltage applied, it may suffer internal fractures. Make sure to connect the terminal correctly.

## Package Indications



Because of space limitations, the output frequency is indicated as six digits including the decimal point.

Therefore, 28.63636 MHz is indicated as 28.636. 32.768kHz is indicated as 32k.