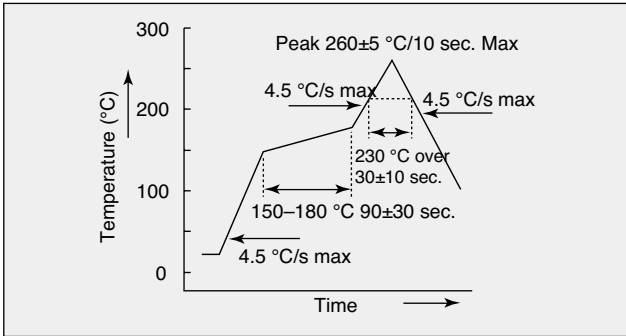


How to Handle NZ1612S Series

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. However, if the unit is dropped by mistake, measure the performance (oscillation check) of the product again.

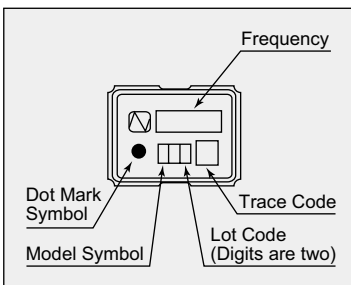
Cleaning

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 five digits including the decimal point.

Therefore, 28.63636MHz is indicated as 28.63. 32.768kHz is indicated as 32k.