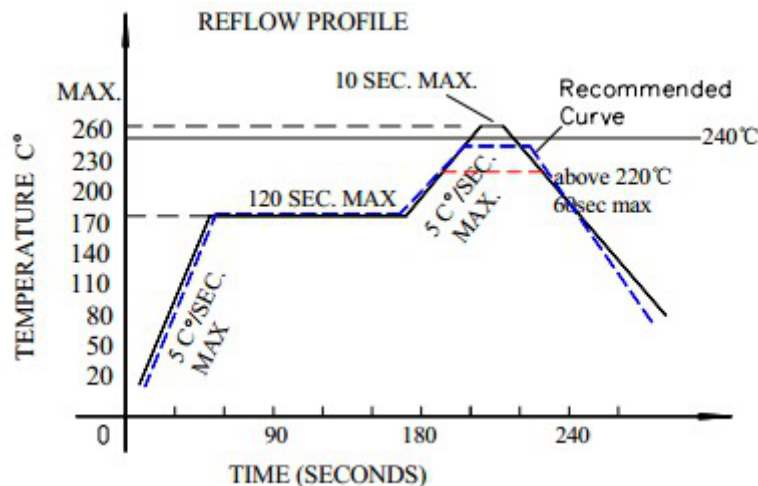


WS2811RGB and WS2812B Manual

Storage:

1. Don't open the moisture proof bag before you're ready to use.
2. The LEDs should be kept at or lower than 30°C and at or lower than 60 % RH before opening the package.
3. When the LEDs are kept with seal-package over 3months, or when the LEDs are kept in open-package over 7days, PLEASE dehumidify the LEDs. Please use the constant-temperature oven to toast the LEDs at 60°C for 12Hours, or peel the LEDs from belt and toast it at 120°C for 2hours.
4. You'd better to use up the LEDs within 24hours after opening the package.

Reflow soldering:



Reflow soldering curve

(Product is highest resistant to 260°C reflow but suggested the highest temperature lower than 240°C)

Notes for reflow soldering:

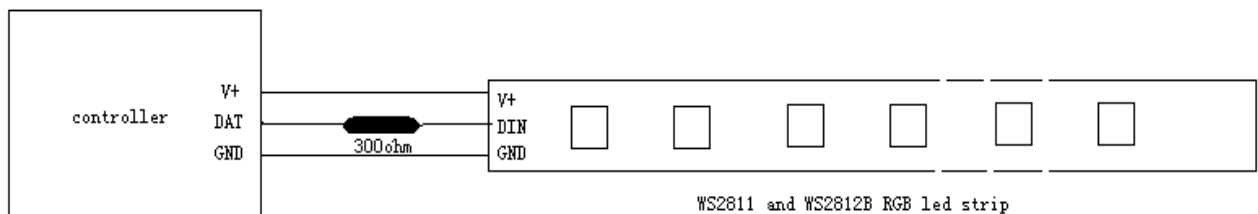
1. No more than twice for reflow soldering.
2. To ensure the quality of our LEDs, we encapsulate them with silica gels. So please do not put pressure on the LEDs.
3. Please choose the right nozzle(try to learn from the plastic products parts) to avoid the damage to products due to the pressure.

4. Please put on the antistatic hand loop during the use. The worktable should be with antistatic finish. The equipments must be contacted with ground.

Notes for handwork soldering:

1. During the soldering, the electronic soldering iron must be kept under the temperature of 300°C and the soldering time must not be beyond 3 seconds. No touch between the electronic soldering iron and colloid.
2. Handwork soldering is only allowed once. We won't take responsibility for more than that.
3. Avoid using sharp objects to compress products Colloidal Part directly.
4. Please put on the antistatic hand loop during the use. The worktable should be with antistatic finish. The equipments must be contacted with ground.

WS2811 or WS2812 led strip Manual:



Note:

1. Please solder a 300ohm resistor at controllers' DAT output port to protect WS2811RGB and WS2812B DIN Port.
2. Please DO NOT Insert or Pull out ws2811 or WS2812B led strip when controller's Power is on. All Operation should be done when the Power is off. Otherwise the first led's DAT will be ruined very easily.
3. Please confirm all installation are finished before turning on the power. If any of installation needs to be revised, Please cut off the power firstly. Never do any operation when the power is on.
4. When you add only one piece Power supplier at the head of led strip, because of the Voltage-drop, maybe the tail of led strip will be dark or flickering. Please also add one piece power supplier at the tail of led strip. Then the strip will work well.