Mini ZVS Induction Heating Board Flyback Driver Heater

Product Description:

(Working voltage is 5-12V, voltage more than 12V or less than 5V seller does not guarantee that can work properly)

1, This tapeless mini board ZVS finished board, high voltage package, cooling fan, etc..

2, this kit requires some hands-on ability and related knowledge. If even the soldering iron will not be used, the positive and negative poles of the power supply will not be divided, then it is recommended not to shoot. Photographed out of the problem, the seller does not assume any responsibility!

3, maximum power 120W (12V induction heating). Push the high-voltage package 12V, primary 5 + 5 turns, about 30W.

4, input voltage DC 5V ~ 12V, this voltage range for the work of the voltage, not the power supply no-load voltage!

5, to confirm that all components welded correctly, the positive and negative poles of the power cord is not reversed, connected to the load (heating coils, high-voltage packages), and then energized! No load can not be energized! No-load energization is easily damaged!

6, the heating coil: the width of the object to be heated as far as possible in the inner diameter of the heating coil 1 / 3 ~ 1/2 between the maximum do not exceed 2 / 3! Heating the diameter of the object as far as possible to control the 20mm or less, too large to heat will be more difficult to heat to red, after all, the power is limited.

Induction heating, generally working 5 minutes to power off to cool. Because the induction heating current is relatively large, the coil heat is also relatively large. When heated, part of the heat generated by the heated object will be transmitted to the heating coil, a long time, the temperature of the heating coil will be very high. If the heating coil is connected to the terminal, it will melt the plastic part of the terminal! Therefore, it is better to solder the heating coil directly to the PCB board when induction heating. Please note this point.

For long time use, it is recommended to use copper tube for the coil and pass water to cool it.

7, push the high-voltage package, induction heating current, input voltage, primary turns, heating coil turns, the size of the volume of the object to be heated. The store's test is for reference only!

8, the blue LED power indicator, there is no power, look at the light is not lit to know!

Indicator light does not light possible reasons are:

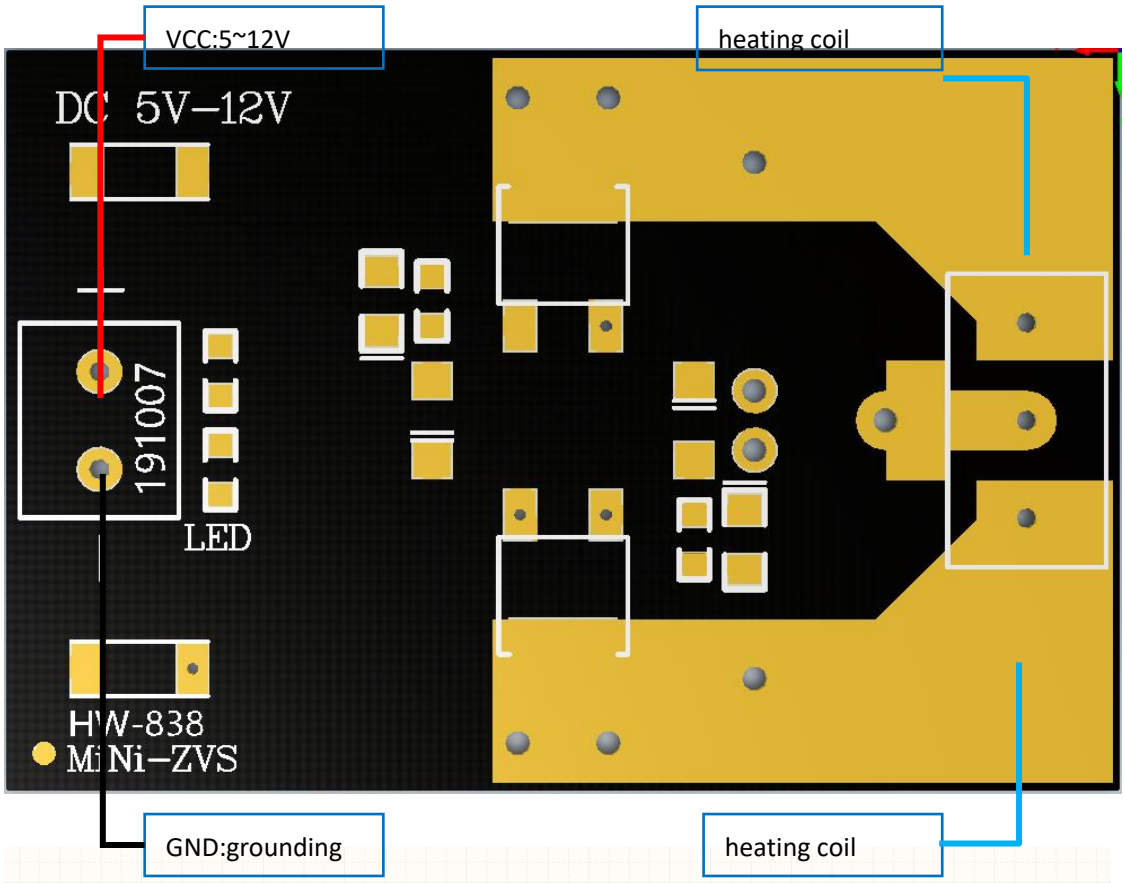
1, the line is not connected, the power supply is not energized.

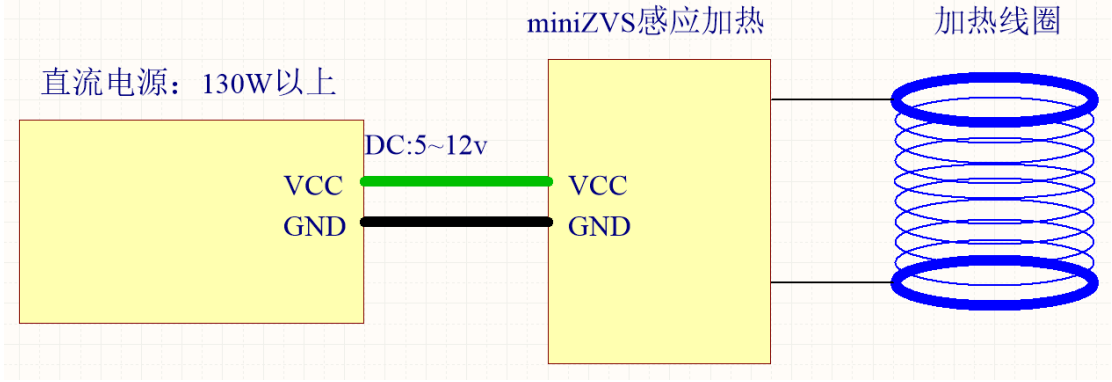
2, the board has components damaged.

When the indicator light is darker, the power supply should be underpowered and needs to be replaced with a higher power supply.

Tapless is more suitable for induction heating

Function Chart:





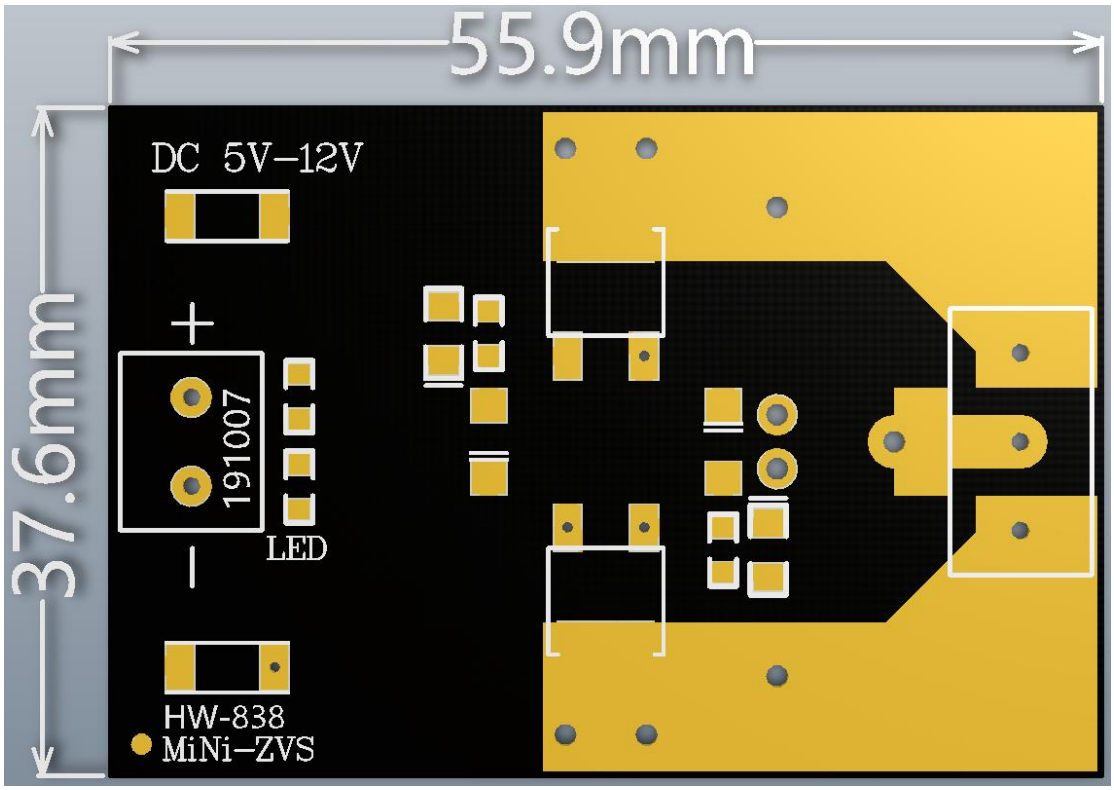
How to use:

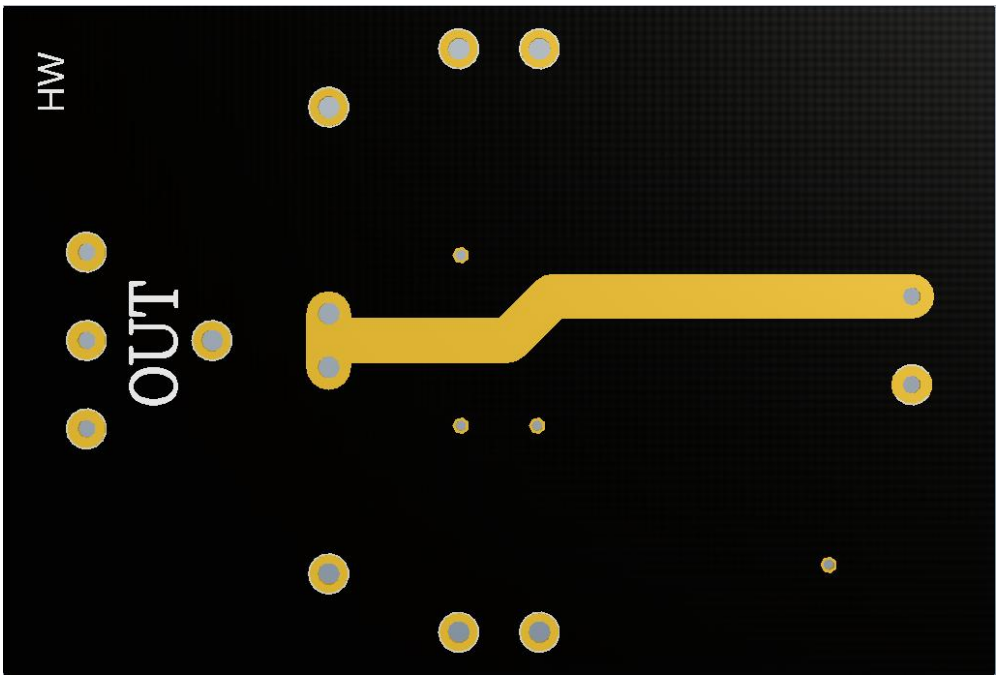
1. Solder the heating coil directly to the PCB board

2. Input voltage: DC5-12V

3. Put into the object to be heated: the width of the object to be heated as far as possible in the heating coil inner diameter of 1/3 to 1/2 between the maximum do not exceed 2/3! The diameter of the heated object as far as possible to control the 20mm or less, too large heating will be more difficult to heat to red, after all, the power is limited.

Actual picture/specification:

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