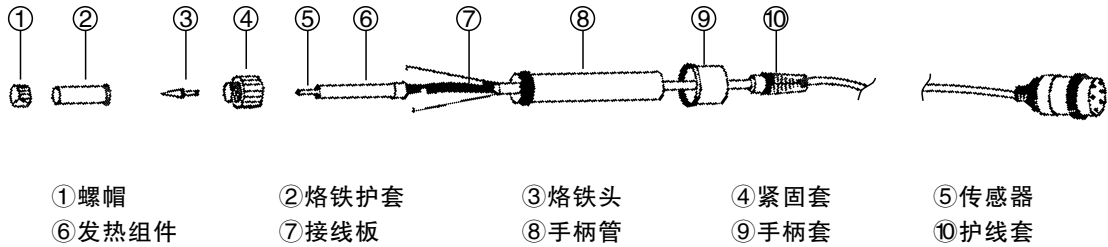


替换发热元件 白光高频涡流发热芯

● 部件名称



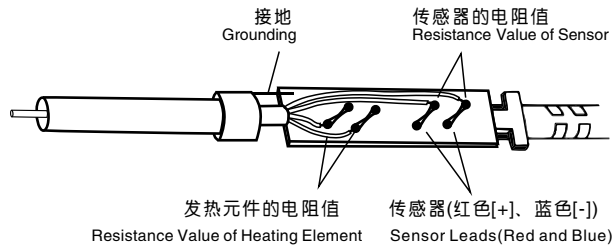
测量发热元件的电阻值

1. 向反时针方向扭开螺帽①，取出高频烙铁护套②烙铁头③。
2. 向反时针方向扭开紧固套④，从高频烙铁中拉出紧固套。
3. 从手柄管⑧中取出发热元件⑥和接线板⑦(向着高频烙铁方向拉出)。
4. 不能使用金属工具(如钳子)，而应使用防烫垫把发热组件从手柄中拉出。

DAMAGE OF HEATING ELEMENTS AND SENSING ELEMENTS

1. Unfasten the screw anticlockwise①, pull out the steel jacket② and soldering tip③.
2. Unfasten the nut anticlockwise④, pull out the nut from the soldering iron.
3. Take out heating elements⑥ and connection cord⑦ from soldering iron⑧.
4. Take out the heating elements from the soldering iron with heat-resistance pad instead of metal tool (such as pliers).

When the heater returns to be normal room temperature, measure the resistance between heating element and sensor.



当发热元件恢复至室温时，测量发热元件和传感器的电阻值，请参阅[高频烙铁电阻值]。

更换发热元件后的检查

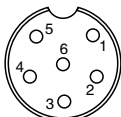
更换发热元件后，请进行以下检查：

1. 测量第1脚和第4脚或第5脚之间，第1脚或第2脚与第3脚之间，第4脚或第2脚与第3脚之间的电阻值，应为 ∞ 。如果不是 ∞ ，说明发热元件和传感器或外壳触及，将会使焊台不能正常工作。
2. 测量 a b c 电阻值，以确定引线未被扭曲，而接地线也连接妥当。

如果“a”与“b”之间的电阻值有异于下表电阻值，需要换发热元件(传感器)或电线。如果“c”电阻值大于下表电阻值，则要砂纸或钢绒轻轻擦除下图所示部位的氧化层。

高频烙铁电阻值

a.	第4脚与第5脚之间(发热元件)	<4Ω(正常)
b.	第1脚与第2脚之间(传感器)	<10Ω(正常)
c.	第3脚与高频烙铁头之间	2Ω以下



每当更换传感器、发热元件或烙铁头之后，都要重新校准温度；我厂建议使用191/192测试仪测量烙铁头温度。

※ 需要维修时，请将焊铁及焊接机一并送去您的销售商检修。
※ 上述规格可能变更，恕不另行奉告。

After replacement of heating elements, please proceed with the following items:

1. Measure the resistances between pin 1 and pin4/pin5, pin1 and pin2/3, pin4 and pin2/3, the resistance is ∞ . If the resistance is not ∞ , the heating elements may touch sensor or trembling switch, it will damage PCB board.
2. Measure the resistances of “a” “b” and “c” to make sure the lead is not distorted and the grounded wire is connected correctly.

HOW TO CHECK THE DAMAGE OF HEATING ELEMENTS, SENSING ELEMENTS AND CONNECTION CORD?

Measure the resistance value between pin and pin:

If the resistance value between A and B is not identical with the resistance value listed below, heating element, sensing element and/or connection cord need be replaced. Please follow up the procedure 1 and 2.

If the resistance value of “C” is bigger than the resistance value listed below, please clean and remove the oxide with sand paper and steel wool according to the instruction of the following graph.

A	Between pin4 and 5(heating element)	<4Ω (normal)
B	Between pin1 and pin2(heating element)	<10Ω (normal)
C	Between pin4 and pin5(heating element)	<2Ω

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