

Wireless charging PCBA admission book

File number: MKW-GGS-0020    Date: 2023.05.29

Customer name: \_\_\_\_\_

Product model: \_\_\_\_\_ Wireless charging data sheet

Product specifications: \_\_\_\_\_ Wireless charging 10W

Client:

|        |       |         |
|--------|-------|---------|
| Detect | Audit | Approve |
|        |       |         |

Vendor: \_\_\_\_\_ Megaway

|             |                                                                                   |                                                                                     |
|-------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Fiction     | Audit                                                                             | Approve                                                                             |
| Yi Zhenggen |  |  |

Factory name: Shenzhen Maikewei Electric Electronics Co., Ltd

Factory address: 2nd floor, Building B2, Qiangrong East Industrial Zone, Xixiang Street, Bao'an District, Shenzhen

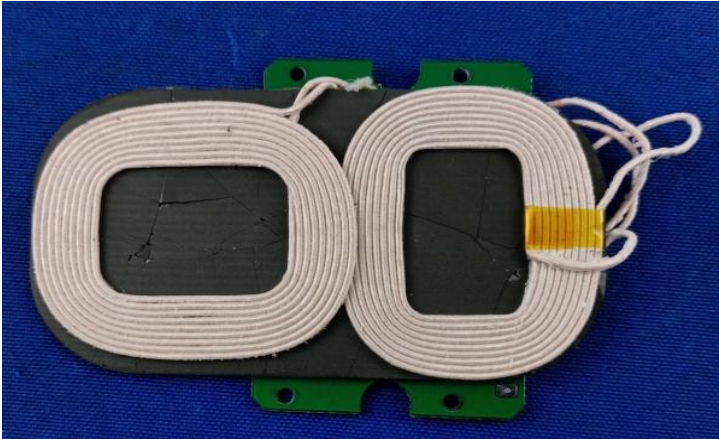
Shenzhen Maikewei Electric Electronics Co., Ltd

MK-K11B-V1.0 data sheet

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一.Product images



Board form factor specifications

58 (Long) \*45 (Wid) \*1.0mm (thick)

LED status

|             |                   |            |           |            |          |  |
|-------------|-------------------|------------|-----------|------------|----------|--|
| ColorStatus | Power on          | Standby    | charge    | full       | FOD      |  |
| White light | Flash three times | extinguish | Always on | extinguish | Flash up |  |
|             |                   |            |           |            |          |  |

二.Scope of application

This product is only suitable for mobile phones with wireless charging function, such as Samsung S8, S9, Xiaomi MIX2, Xiaomi MIX3, Huawei MateRS, Mate20pro, Mate20 RS and other mobile phones.

The rated output power is 10W, compatible with 5W, 7.5W, 10W mobile phones with wireless charging.

三.Product features

- 1.Overcurrent protection: shutdown protection when the output current exceeds 1.8A
- 2.Overvoltage protection: stop charge protection when the input voltage exceeds 10V
- 3.Metal foreign object detection

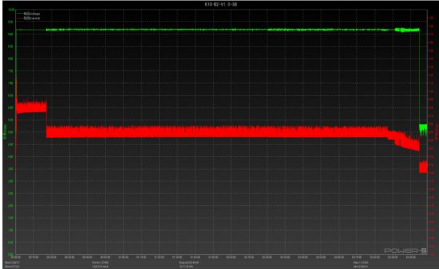
四.Basic performance

Test conditions: environmental test 30° C

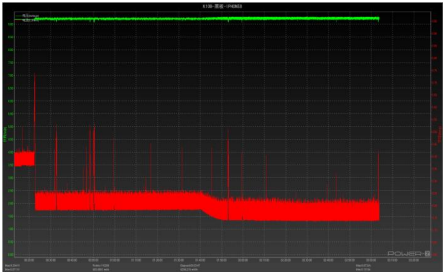
| Test the equipment | Name             | voltage (V)                                       | current (A) | power (W) | frequency (KHZ) | Conversion rate |
|--------------------|------------------|---------------------------------------------------|-------------|-----------|-----------------|-----------------|
|                    | Working distance | The thickness of the rubber shell cover is 1.65mm |             |           |                 | 83.60%          |
| CD101              | Input            | 9.03                                              | 1.34        | 12.10     |                 |                 |
| Load meter 10w     | Output           | 9.28                                              | 1.09        | 10.12     | 142.81          |                 |
| CD101              | Input            | 9.02                                              | 1.25        | 11.28     |                 | 65.56%          |
| Load meter 7.5W    | Output           | 7.62                                              | 0.97        | 7.39      | 128.12          |                 |
| CD101              | Input            | 5.12                                              | 1.32        | 6.76      |                 | 67.06%          |
| Load meter 5W      | Output           | 5.15                                              | 0.88        | 4.53      | 122.93          |                 |

五: Test the mobile phone charging curve

Test ambient temperature 30° C



Samsung S8



苹果iPhone8

