

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		

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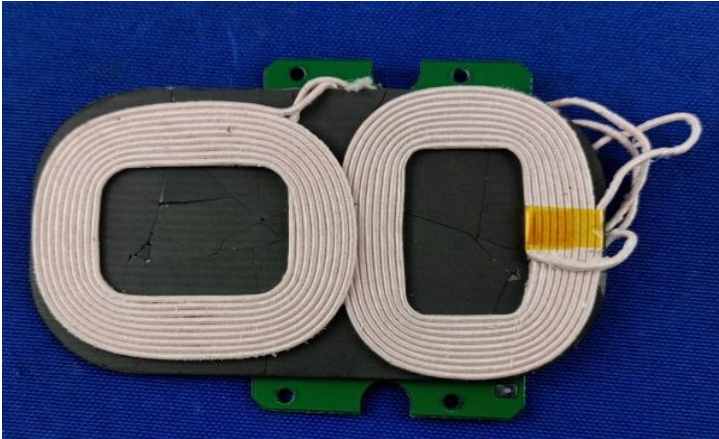
Shenzhen Maikewei Electric Electronics Co., Ltd

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.Overtoltage protection: stop charge protection when the input voltage exceeds 10V
- 3.Metal foreign object detection

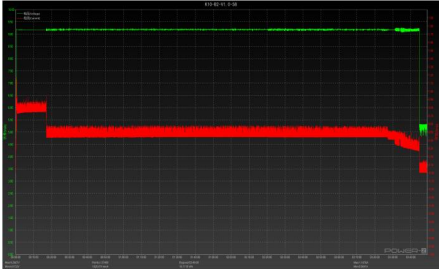
四.Basic performance

Test conditions: environmental test 30° C

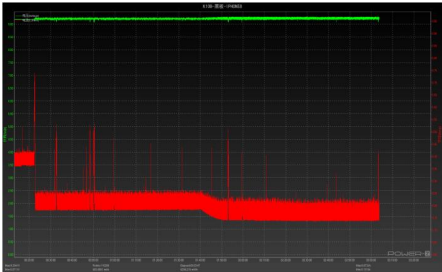
Test the equipment	Name	voltage (V)	current (A)	power (W)	frequency (KHZ)	Conversion rate
	Working distance	The thickness of the rubber shell cover is 1.65mm				83.60%
CD101	Input	9.03	1.34	12.10		
Load meter 10w	Output	9.28	1.09	10.12	142.81	
CD101	Input	9.02	1.25	11.28		65.56%
Load meter 7.5W	Output	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

