



15W 无线功率发射产品规格书

15W Wireless charger Product Specification

产品变更目录

Revision	Date	Mark	Modified Content	Approved by
版本	日期	标记	变更内容	批准
A	2022.08.25		标准版	

1. Apply Scope (适用范围)

The products in this test report are applicable to Qi standard wireless charging mobile phones / TWS and wireless charging receiving equipment (excluding special equipment)

本测试报告之产品适用于 Qi 标准的无线充电手机/ TWS 及无线充电接收设备 (专用设备除外)。

2. Electrical characteristics (电气特性)

3. 2.1. Rated Input Voltage (输入特性)

Input Port 输入口	Input Voltage 电压 (V)	Input current 输入电流 (mA)
焊接方式	4.75V-5.25V	2000MA
	8.75V-9.25V	2200MA
	11.75V-12.25V	1600MA

2.2. Max Input Current (最大输入电流)

Max Input current: 2500mA

最大输入电流: 2500mA / TYPE-C (支持 QC2.0 / QC3.0 / AFC / FCP / SCP / PD)

2.3. Efficiency (效率)

Under rated Output voltage, maximum load, working efficiency is 75-80%.

在输出额定电压, 输出最大负载下, 工作效率 75-80%

2.4. Output Characteristics (输出特性)

Output	Voltage	Load current	OCP	Ripple Voltage
输出	电压 (V)	负载电流 (mA)	过流保护	纹波电压
无线充输出	$5.0 \pm 0.25V$	$1000mA \pm 150 mA$	2500mA Max	$\leq 200mv$
	$7.5 \pm 0.3V$	$1000mA \pm 150 mA$	2500mA Max	
	$9.0 \pm 0.5V$	$1120mA \pm 150 mA$	2500mA Max	
	$9.0 \pm 0.6V$	$1660mA \pm 150 mA$	2500mA Max	

2.5. security operation The environment The temperature (0℃-40℃) 安全工作环境温度 (0℃-40℃)

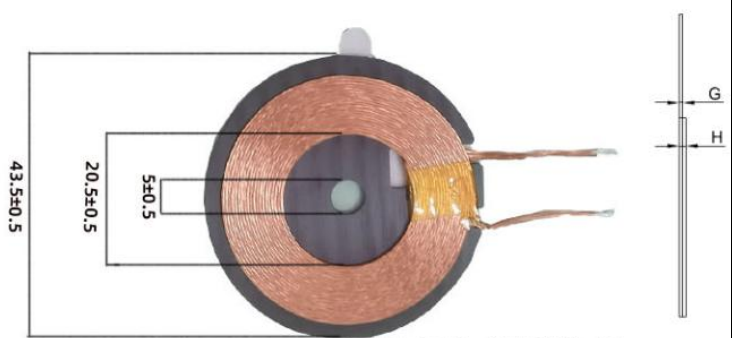
2.6. launch distance (4mm Max) 发射距离 (4mm Max)

1. 外观 & 尺寸 (Unit: mm):

绕线方向: CCW逆时针

Number of coiled coil: 20TS

天保电子
TB CO,



A	B	C	D	E	H	F			
ID	OD	Magnet OD	LOL	tin L	Coil THK	THK			
20.5±0.2	39.5±1.5	43.5±0.5	16±2	2-3	0.6±0.1	MAX 1.6			