

产 品 承 认 书

SPECIFICATION FOR APPROVAL

客户确认 /Customer Admit	客户名称/Customer	
	客户料号/Cust P/N	
	产品名称/Name	TD-G50-F100 Wireless charging single coil assembly
	规格/Part No	0.08*105P*10Ts, G50*5.3*1.0mm, 100MM
	日期/Date	2022/10/21
	版本/Version	V2.1
	拟定/Design By	曹恒兵 Cao Hengbing
	审查/Check. By	
	审批/Approve By	
	物料代码	

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一、送样的原因/Sample Submission Reason

☒ 1. 新规格/New SPEC ☐ 2. New Material/追加材料 ☐ 3. ECR/变更 ☐ 4. 改善包装Improve packing.

二、变更的规格说明/Request For New SPEC.

版本 Rev.	变 更 前 Before Change	变 更 後 After Change	更 改 日 期 Change Date	审 批 Approved By

三、备注/Remark:

3.1 本产品符合环境关联物质的管理规定要求.

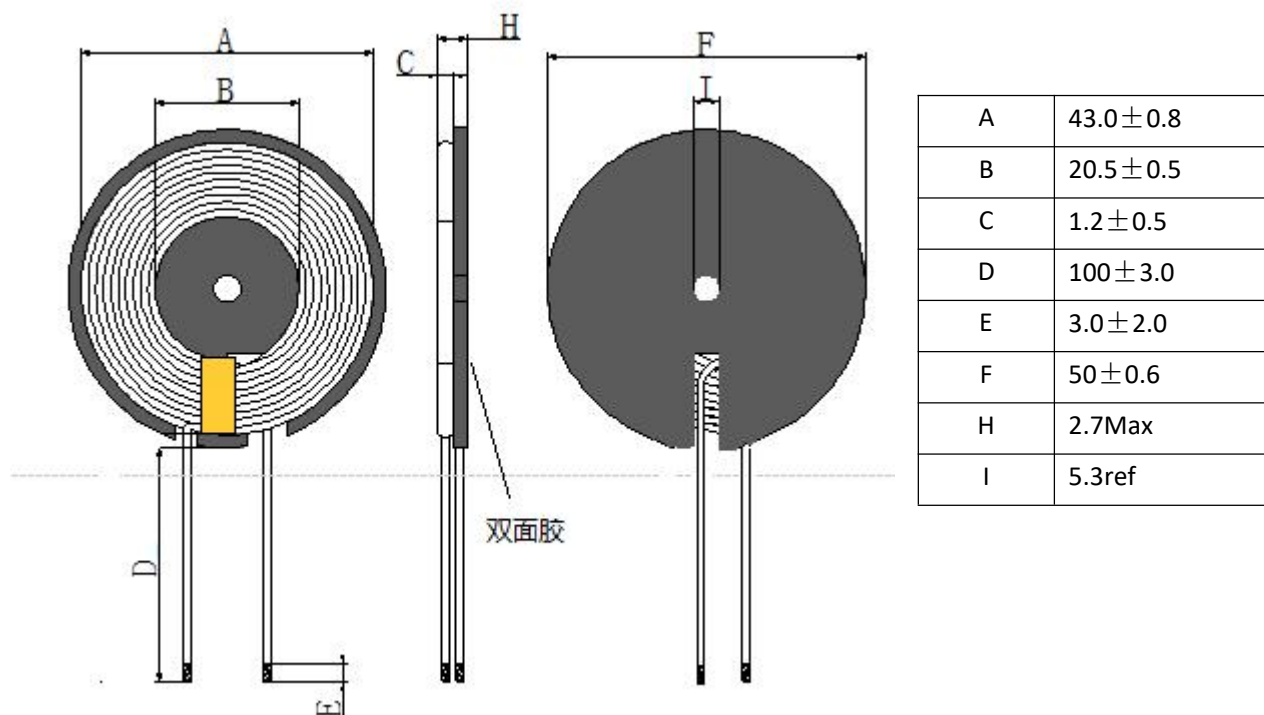
Above product comply to li yin Environmental material system requirement.

3.2 如未回传, 则以贵司下订单为样品通过 !

In Event Of No Sign Back, We Will Under Take P.O. As Acceptance To Sample Approval!

四、产品规格 /Product Specification

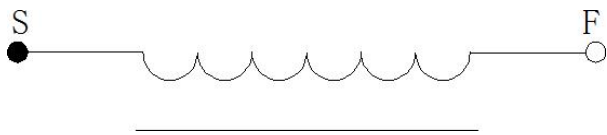
4.1 外观 & 尺寸 Appearance & Size(Unit: mm)



注意事项Note:

1. Silk-covered single coil;
2. 1.5Ts; Wrap 5-8mm(wide) polyimide tape 1.5Ts around the outlet position;
3. The coil body should not be loose, and should not have a gap greater than 1/3 of the wire diameter;
4. The coil is attached to the center of the magnetic disc;
5. The two leads lead from the large and small slots of the magnetic disc respectively;
6. The back of the magnetic disc is affixed with ordinary white double-sided tape;
7. The surface luster and color of the magnetic disc are uniform, and the surface shall not have dust or magnetic powder that affects the film or adhesive

4.2 原理图 /SCHEMATIC DIAGRAM:



4.3 绕线参数 /Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	丝包线 0.08*105P	10Ts	CCW

4.4 电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10° C, 湿度 RELATIVE HUMIDITY:65±20%

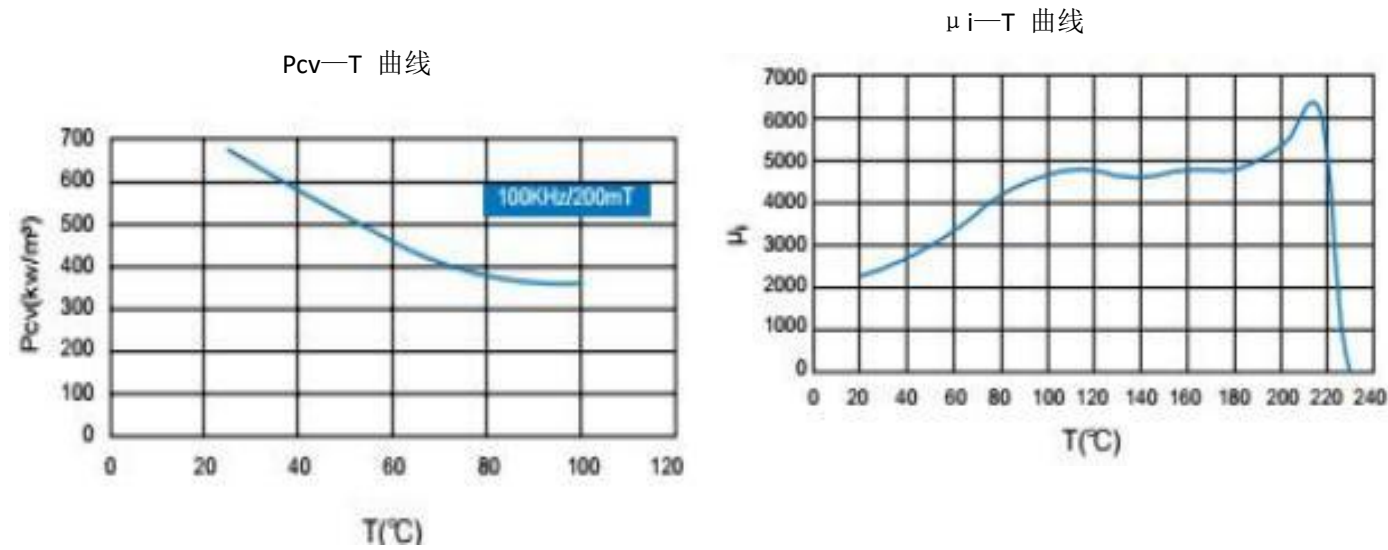
序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TESTEQUIPMENTS
1	LS	S-F	6.5uH±10%	100KHz/1.0V	UC2856B
2	DCR	S-F	45mΩ Max		ZX5512B

五：磁片特性 Material Characteristics:（附页）

5.1 主要参数 MAIN PARAMETERS

NO	参数argument	design ation	Unit	test condition		BP40
1	起始磁导率 Initial penrmeability	Ui	\	25℃		2300±25%
2	饱和磁通密度 Saturation flux density	Bs	mT	H=1194A/m	25℃	510
					100℃	390
3	功率损耗 Pcv Power Loss	Pc	Kw/m³	25℃,100kHz,200mT		650
				100℃,100kHz,200mT		450
4	居里温度 Curie temperature	Tc	℃			≥215
5	密度 Density	d	Kg/m³			4.8×10³

5.2 材料特性曲线 Material Characteristics Curve



Bs—T 曲线

