

客 户 宝 号:

CUSTOMER

杰帅 JSE

规 格 书

SPECIFICATION FOR APPROVAL

品名规格
DESCRIPTION

wireless charging

客户料号
CUSTOMER PART NO

L3-82AA30AD

适用机种
CUSTOMER OUT DWG NO

8.2uH $\pm$ 10%/MPP Magnetic Induction Coil/Magnetic Sheet Diameter
42.5mm/

Wire 25mm/Magnetic Sheet with Wire Groove/with Backing
Adhesive/Compliant with ROHS

方舟料号
ARK DWG NO

FZ-T42.5*1004-E319

版本/次
REV

方舟电子有限公司
工程A用章

出图 DRAWING			客户承认 CUSTOMER APPROVE
制图 DRAWING	审核 CHECKED	核准 APPROVE	
MENGLINYE 叶梦琳	YafenChen 陈亚芬	Fu GangTang 唐富岗	
DATE: 2025 年 05 月 14 日			
			请于承认盖章 谢谢！

SHANGRAO ARK ELECTRONICS CO., LTD

Jiangxi Province Shangrao City Guangfeng District Economic Development Zone Xafeng
Electronic Information Industry Park

TEL:0793-2713888

FAX:0793-2713888

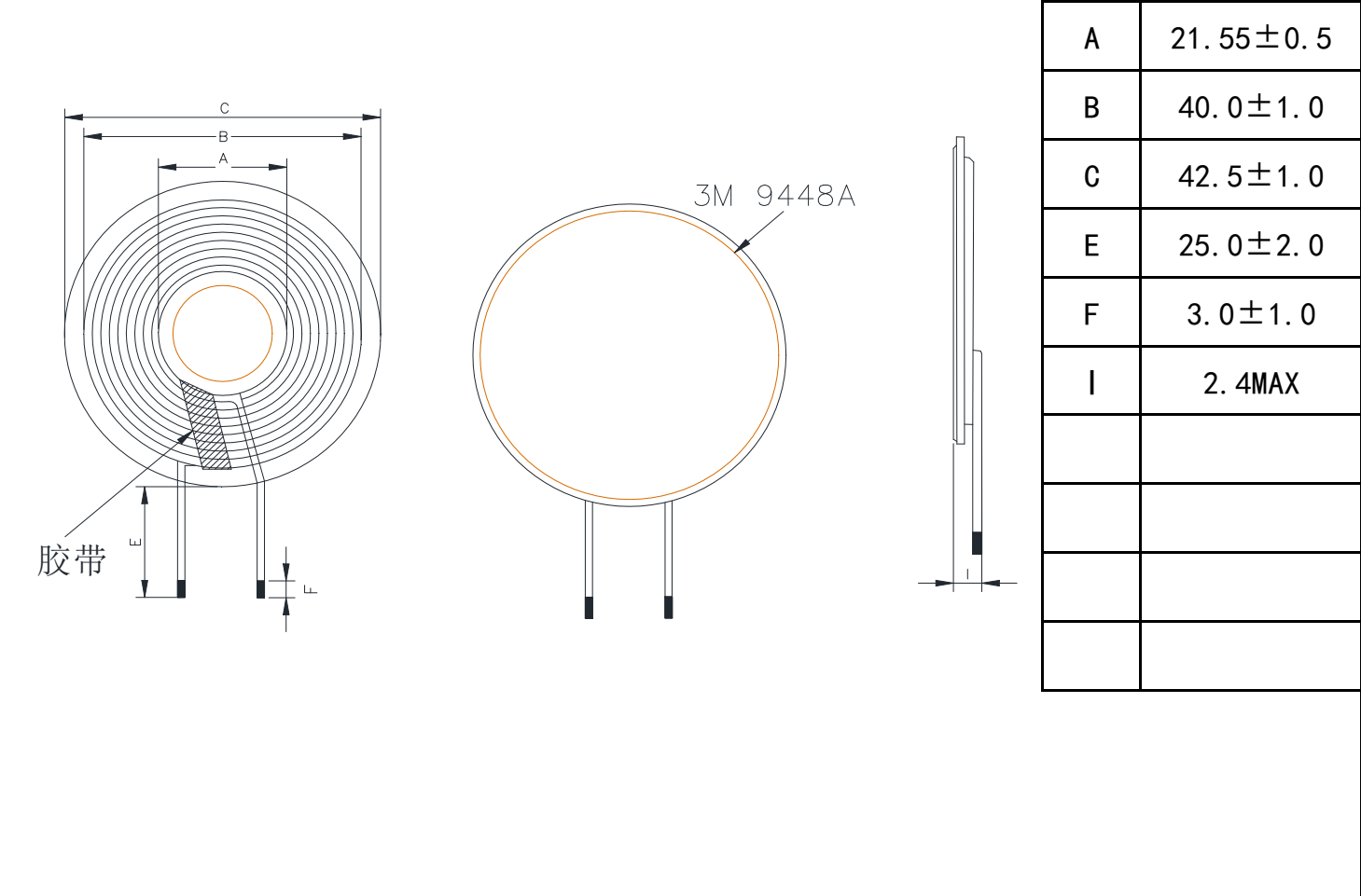
SPECIFICATION FOR APPROVAL

CUSTOMER	杰帅 JSE	PART NO	L3-82AA30AD	PAGE	1/6
ITEM	T42.5*1.0	F.Z NO	FZ-T42.5*1004-E319	REVISION	1.0
DESCRIPTION	TRANSFORMER			ISSUE DATE	2025.05.14
MODIFY ANNAL LIST					
ITEM	DATE	REV	MODIFY MATTER EXPLAIN	NOTE	
1	2025.05.14	V1.0	首次发行		
SHANGRAO ARK ELECTRONICS CO.,LTD			APPROVED	CHECKED	DRAWING
Jiangxi Province Shangrao City Guangfeng District Economic Development Zone Xafeng Electronic Information Industry Park			Fu GangTang唐富岗	YafenChen陈亚芬	MENGLINYE叶梦琳
TEL:0793-2713888 FAX:0793-2713888					

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DESCRIPTION	TRANSFORMER			ISSUE DATE	2025.05.14

DIMENSION:mm



NOTE:

1. 线圈本体不可线松, 镀锡以外的出线确保要软。
1. The coil body must not be loose, and the outgoing line other than tinning must be ensured to be soft.

2. 磁片开槽, 磁片中间带圆孔, 线圈+PET+磁片+双面胶+双面胶带手撕位。
2. Magnetic disc slotting, magnetic disc with a round hole in the middle, coil PET magnetic disc double-sided adhesive double-sided tape hand tear position.

3. 高温胶带需要与槽口平行, 进出线需入线槽。
3. High temperature tape needs to be parallel to the slot opening, and the incoming and outgoing wires need to be in the wire slot.

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	Fu GangTang唐富岗	YafenChen陈亚芬	MENGLINYE叶梦琳

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CONSTRUCTION:	CONNECTION:
	

WINDING	START	FINISH	WIRE<mm>	TURN<TS>	TAPE<TS>	REMARK
N1	S	F	0.08*65P*1P Hot air twisting line	11		Coil clockwise

NOTES:
1. 绕线需平整、不可交叉、破皮、打结。
1. Winding should be flat, not cross, peel, or tie knots.

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DESCRIPTION	TRANSFORMER			ISSUE DATE	2025.05.14

ELECTRICAL CHARACTERISTICS:
TEMPERATURE: 25° C

TEST	CONDITIONS	WINDING	REQUIREMENTS
INDUCTANCE	1KHz/0.25V	S-F	8.2uH±10%
DCR ESISTANCE	AT:25° C	S-F	90mΩ MAX
Q值			
LEAKAGE INDUCTANCE			
HI-POT			
INSULATION RESISTANCE			

TEMPERATURE PROPERTY:

BETWEEN-20° C TO 80° C

TEST INDUCTANCE AND RESISTANCE ON THE BASIS OF 25° C

THE VARIATION SHALL NOT DROP 20%

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	Fu GangTang唐富岗	YafenChen陈亚芬	MENGLINYE叶梦琳

SPECIFICATION FOR APPROVAL

CUSTOMER	杰帅	PART NO	L3-82AA30AD	PAGE	5/6
ITEM	T42.5*1.0	F. Z NO	FZ-T42.5*1004-E319	REVISION	1.0
DESCRIPTION	TRANSFORMER			ISSUE DATE	2025.05.14
MATERIAL LIST:					
ITEM	MATERIAL	SUPPLIER		UL NO:	OPTION
CORE	硬磁 T42.3*1.0	LIAN DA CO.,LTD		N/A	√
TAPE	J16 155° C	JINGJIANG JINGYI ADHESIVE PRODUCT CO.,LTD		E246950	√
WIRE	UEW/155 or QA-*/155 MW79-C	T H D ELECTRICAL TECHNOLOGY SHARES CORP		E361924	√
EPOXY	W6216AB	HAO CHUANG CO.,LTD		N/A	√
SOLDER	Sn0.7Cu	MAANSHAN TAIKANG METAL MATERIAL CO LTD		N/A	√
Glue	SH-8536	Shenzhen Zhihong Electronic Materials Co., LTD		N/A	√
SHANGRAO ARK ELECTRONICS CO.,LTD		APPROVED	CHECKED	DRAWING	
Jiangxi Province Shangrao City Guangfeng District Economic Development Zone Xafeng Electronic Information Industry Park		Fu GangTang 唐富岗	YafenChen 陈亚芬	MENGLINYE 叶梦琳	
TEL:0793-2713888 FAX:0793-2713888					

样品检验测试报告

客户Customer	杰帅	料号Part number	L3-82AA30AD		方舟编号 ARK DWG	FZ-T42. 5*1004-E319		样品数 Sample number	PCS	DATE 日期	2025. 05. 14		PAGE	6/6						
BOBBIN 厂商		BOBBIN 材质						BOBBIN 规格					BOBBIN 代号							
CORE 厂商		CORE 材质						CORE 规格		T42. 5										
检验项目 Inspection items	电性测试						测试项目													
	电感	Q值	DRC (Ω)		HI-POT	Number of turns / Polarity	工具tool													
测试条件 Test conditions	100KHZ/0. 25V 串联测试		AT25℃		Sample number		1	2	3	4	5	6	7	8	9	10				
脚位 Foot position	S--F		S--F		Project Specification value Measured															
规格值 Specification value 实测值 Measured value	8. 2uH±10%		90mΩ MAX		A		21. 55±0. 5													
					B		40. 0±1. 0													
1						C	42. 5±1. 0													
2						E	25. 0±2. 0													
3						F	3. 0±1. 0													
4						I	2. 4MAX													
5																				
6																				
7																				
8																				
9																				
10																				
判定																				
测试仪器testing instrument																				
CH1062		■																		
CH101		■																		
备注：NOTES： 1. 各项电性外观尺寸必须符合规格要求。 1. All electrical appearance dimensions must meet the specification requirements. 2. 注明主要物料规格，材质，厂商。 2. Indicate the main material specifications, materials, and manufacturers .																				
						judgment 判定														
核准APPROVE	Fu GangTang唐富岗			审核CHECKED	YafenChen陈亚芬	制表 Tabulation	MENGLINYE叶梦琳			Tester 测试者			MENGLINYE叶梦琳							