

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

L3-68A000HD

适用机种

CUSTOMER OUT DWG NO

Ceramic Coil/Diameter 43.5mm/Inductance 6.8uH
Lead length 10mm with back Complies with ROHS

方舟料号

ARK DWG NO

FZ-T43.5*1004-E320

版本/次

REV

A

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 03 月 29 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

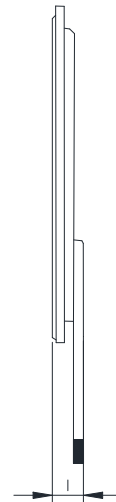
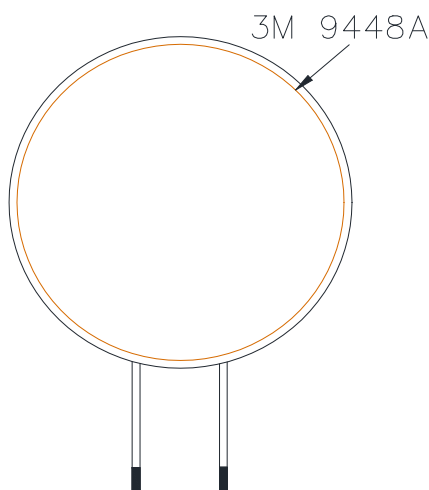
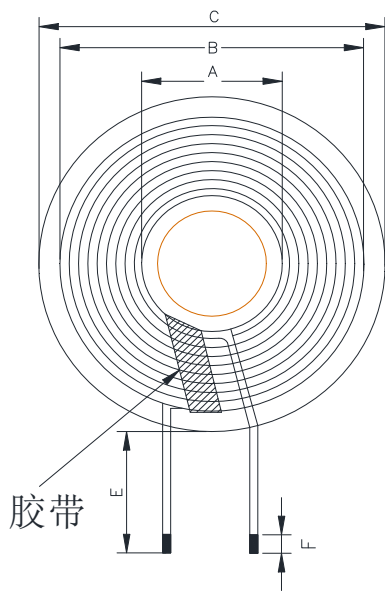
SPECIFICATION FOR APPROVAL

CUSTOMER	杰帅 JSE	PART NO	L3-68A000HD	PAGE	1/6
ITEM	T42*1.0	F. Z NO	FZ-T43. 5*1004-E320	REVISION	1.0
DESCRIPTION	TRANSFORMER			ISSUE DATE	2025. 03. 29
MODIFY ANNAL LIST					
ITEM	DATE	REV	MODIFY MATTER EXPLAIN	NOTE	
1	2025. 03. 29	V1.0	first issue		
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			APPROVED Fu GangTang唐富岗	CHECKED YafenChen陈亚芬	DRAWING MENGLINYE叶梦琳

SPECIFICATION FOR APPROVAL

CUSTOMER	杰帅 JSE	PART NO	L3-68A000HD	PAGE	2/6
ITEM	T42*1.0	F. Z NO	FZ-T43. 5*1004-E320	REVISION	1. 0
DESCRIPTION	TRANSFORMER			ISSUE DATE	2025. 03. 29

DIMENSION: mm



A	13.5±0.5
B	38.0±1.0
C	43.5±1.0
E	10.0±2.0
F	3.0±1.0
I	2.5MAX

NOTE:

- 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.
- 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.
- 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, and the incoming and outgoing lines need to enter the slot.

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DESCRIPTION	TRANSFORMER			ISSUE DATE	2025.03.29

CONSTRUCTION:



CONNECTION:

WINDING	START	FINISH	WIRE<mm>	TURN<TS>	TAPE<TS>	REMARK
N1	S	F	0.08*105P*1P Silk-covered wire	12		顺时针密绕

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	2025.03.29

ELECTRICAL CHARACTERISTICS:
TEMPERATURE:25° C

TEST	CONDITIONS	WINDING	REQUIREMENTS
INDUCTANCE	1KHz/0.25V	S-F	6.8uH±5%
DCR ESISTANCE	AT:25° C	S-F	100mΩ 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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MATERIAL LIST:

ITEM	MATERIAL	SUPPLIER	UL NO:	OPTION
CORE	硬磁 T43.5*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 /丝包线	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	√

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	Gu GangTang唐富	YafenChen陈亚芬	MENGL INYE叶梦琳

ARK Electronic Co., Ltd.
Sample inspection test report

客户Customer	杰帅 JSE	料号Part number	L3-68A000HD		方舟编号 ARK DWG	FZ-T21.55*40-E320		样品数 Sample number	PCS		DATE 日期	2025.02.19	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						Test item 测试项目															
	电感 INDUCTANCE	Q 值	DRC (Ω)		HI-POT	圈数 / 极性	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 Measured															
规格值 Specification value	6.8uH±5%		100mΩ MAX				A 13.5±0.5															
实测值 Measured value							B 38.0±1.0															
1							C 43.5±1.0															
2							E 10.0±2.0															
3							F 3.0±1.0															
4							I 2.5MAX															
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	MENGLI NYE 叶梦琳			Tester 测试者		MENGLI NYE 叶梦琳									