

惠州启泰电子科技有限公司

Huizhou Qitai Electronic Technology Co., LTD



SPECIFICATIONS SHEET

规格图面

CUSTOMER :	中利冠达
客户	
DESCRIPTION :	ZLGD-A1-0322
品名描述	
CUSTOMER P/N :	
客户品名	
PART NUMBER :	
制造商料号	
DATE OF APPLICATION :	2024-5-4
提出日期	

CLASSIFICATION OF SPEC. PRESENTATION. (Tick the relevant box "√")

规格图面提出区分

- New application 新规格
- New part is added to accepted specification 新产品规格追加记录
- Revision of accepted specification 既存规格图面变更

ACCEPTANCE STAMP (客户受领印)

APPROVAL BY 承认	CHECK BY 审查	PREPARE BY 制作
昆奇		陈斌

ADDRESS : 3rd Floor, No. 181, Mingyue 2nd Road, Shiwan Town, Boluo County, Huizhou city
TELEPHONE : 0752-6668681
E-MAIL : 839689578@qq.com

惠州启泰电子科技有限公司

Huizhou Qitai Electronic Technology Co., LTD

Specification
规格内容

CUSTOMER P/N :
客户品名

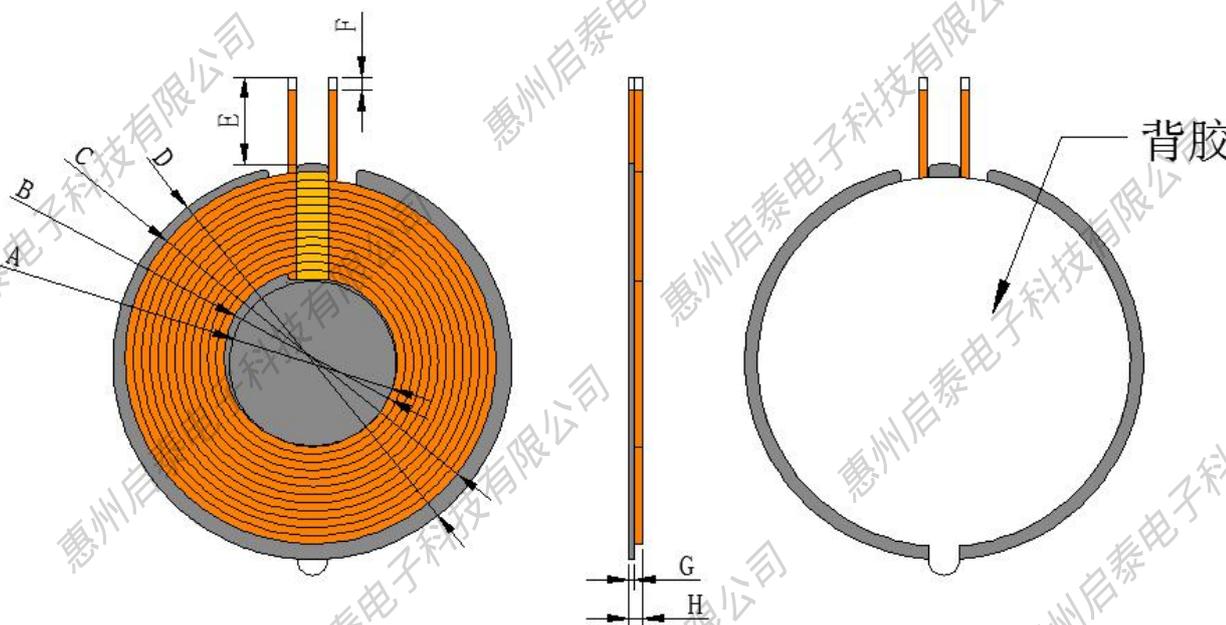
中利冠达

PART NUMBER :
制造商料号

ZLGD-A1-0322

1. DIMENSIONS (外形尺寸) : (Unit: mm)

单位 (Unit) : 毫米 (mm)



A	B	C	D	E	F	G	H
19.4±0.3	20.5±0.5	39.5±1	42.5±0.5	5±1	2±1	0.8±0.1	2.5max

- 背胶为白色双面胶。
- 线圈贴合位置居中。

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Specification
规格内容

CUSTOMER P/N :
客户品名

中利冠达

PART NUMBER :
制造商料号

ZLGD-A1-0322

2. WINDING DETAILS(绕线详细说明)
Coil1

圈数 Turns	线径 Wire Dia	绕线方式疏/密 Wdg. Type Spred/Close	绕线方向 Wdg.Direction	相交 是/否 Intersect Yes/Not
11TS	0.08*100P热风自粘线	密绕 (Close)	逆绕	是 (Yes)

3. 电气特性 (ELECTRICAL CHARACTERISTICS) :
温度 TEMPERATURE:25±10℃,湿度 RELATIVE HUMIDITY:65±10%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
Coil 1					
1.	IND	S-F	7.9uh±5%	100kHz/V	UC2906A
2.	Q	S-F	60Min	100kHz/V	UC2906A
3.	DCR	S-F	50m Ω Max	100kHz/V	UC2906A

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日期

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昆子奇

陈璇

2024-5-4

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惠州启泰电子科技有限公司

Huizhou Qitai Electronic Technology Co., LTD



SPECIFICATIONS SHEET

规格图面

CUSTOMER :	中利冠达
客户	
DESCRIPTION :	ZLGD-A1-0321
品名描述	
CUSTOMER P/N :	
客户品名	
PART NUMBER :	
制造商料号	
DATE OF APPLICATION :	2024-5-4
提出日期	

CLASSIFICATION OF SPEC. PRESENTATION. (Tick the relevant box "√")

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Specification
规格内容

CUSTOMER P/N :
客户品名

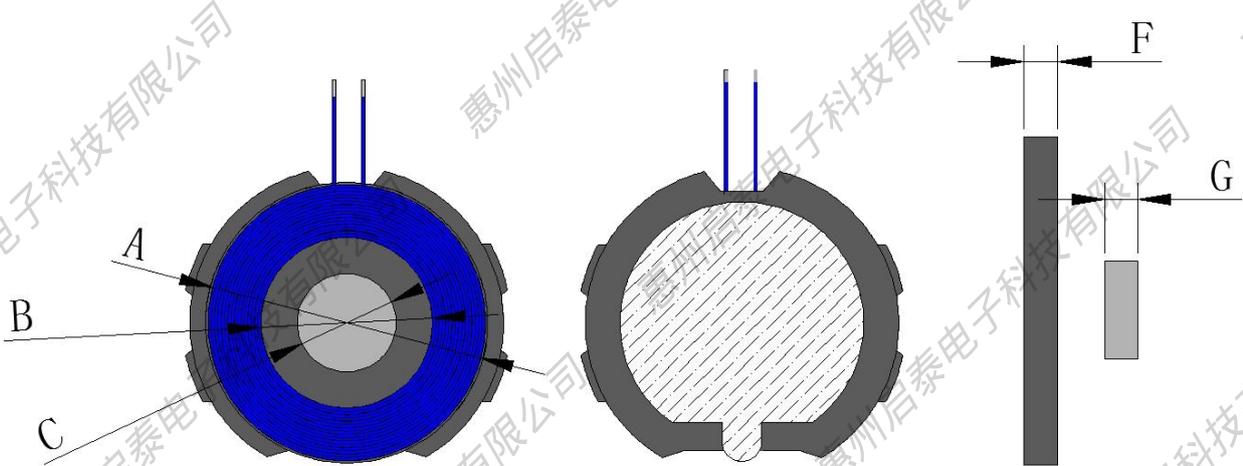
中利冠达

PART NUMBER :
制造商料号

ZLGD-A1-0321

1. DIMENSIONS (外形尺寸) : (Unit: mm)

单位 (Unit) : 毫米 (mm)



A	B	C	D	E	F	G	
21Max	14.5±1	7.5±0.5	35±1	2±1	2.6MAX	4.0±0.1	

- 背胶为白色背胶， $\phi 18.0$ （不贴背胶）。
- 磁铁规格： $\phi 7.5*4.0$ ，磁场 4600GS（不组装）。
- 带两根32MM长热缩套管。
- 软磁出线处开线槽。
- 该规格产品均用0.08*24P热风线（蓝色）。

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Specification
规格内容

CUSTOMER P/N :
客户品名

中利冠达

PART NUMBER :
制造商料号

ZLGD-A1-0321

2. WINDING DETAILS(绕线详细说明)
Coil1

圈数 Turns	线径 Wire Dia	绕线方式疏/密 Wdg. Type Spred/Close	绕线方向 Wdg.Direction	相交 是/否 Intersect Yes/Not
10TS	0.08*24P热风绞线 (Hot Air stranded Wire)	密绕 (Close)	逆绕	是 (Yes)

3. 电气特性 (ELECTRICAL CHARACTERISTICS) :

温度 TEMPERATURE:25±10℃,湿度 RELATIVE HUMIDITY:65±10%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
Coil 1					
1.	IND	S-F	4.1uH±0.3uH	100kHz/V	UC2906A
2.	Q	S-F	20Min	100kHz/V	UC2906A
3.	DCR	S-F	120Max	100kHz/V	UC2906A

APPROVED BY

承认

昆子奇

CHECKED BY

审查

PREPARED BY

制作

冯欣

DATE

日期

2024-5-4

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SPECIFICATION FOR APPROVAL



Specification number	HG2023082003
Effective date	

Customer	Zhongli Guanda (Shenzhen) Intelligent Technology Co., LTD
Product type	A11 Single coil 12 turns L=20MM
Honggui P/N	43.5*0.8 double slot with hole 12 rings back round white glue
Customer P/N	

New edition issued,
 version revised
 【 This specification contains 3 pages of contents 】
 【 RoHS Compliant Parts 】

AUTHOR	CHECK	APPROVE
Peng Jianji		

Anfu Honggui Electronics Co., LTD

This SPECIFICATION FOR APPROVAL must be signed and returned to the customer within one week of receipt. Overdue production shall be regarded as following the standards of this acknowledgement.

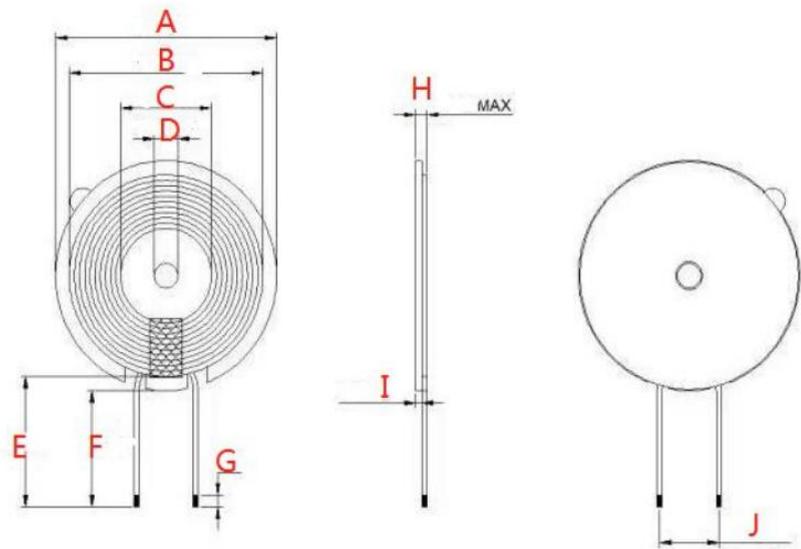
Customer approval Recognition status:
 Full admission
 Conditional admission
 Denial
 Date:

APPROVE	AUDIT	RECHECK	CHECK

SPECIFICATION FOR APPROVAL

Customer	Zhongli Guanda (Shenzhen) Intelligent Technology Co., LTD	Customer P/N			
Honggui P/N	43.5*0.8 double slot with hole 12 rings back round white glue	Specification number	HG2023082003	Edition	01

◆Boundary Dimension



(Unit: mm)

A	43.5 ± 0.5
B	40.0 ± 1.5
C	15.0 ± 0.5
D	5.3
E	22.0 ± 2
F	20.0 ± 2
G	3.0 ± 1
H	2.4 ± 0.2
I	0.8 ± 0.1
J	8

1. Wire diameter: 0.08*105P silk-covered self-adhesive copper wire
2. Number of coils wound: 12TS
3. Whether the start and end lines cross: Yes
4. Wrap coil with 8mm wide high temperature tape
5. The coil and magnetic disk must be centered
6. Disc back round 42 white glue

(front view)
(side view)
(bottom view)

Parameter

L0	Specification	Test condition	Test instrument
L0	6.8 ± 0.3 μH	100KHz/1V	■ TH1816B
Q	>30 min	100KHz/1V	■ TH1816B
DCR	<60 mΩ	@25°C	■ CH-502BC

Operating temperature

-40°C ~ 125°C

◆Bill of materials

Serial S	Materials	Specification	Suppliers	Notes
1	Magnetic sheet	43.5 *0.8 Double slots with holes		PC95Mn-Zn
2	Copper wire	0.08*105P		Silk-covered self-adhesive copper wire
3	High-temperature tape	8MM		Eco-friendly adhesive tape
4	Tin	High temperature tin bar		Thousand island environmental tin
5	Glue	White glues		Eco-friendly adhesive
6	Adhesive backing	42 rounds of white glue		

AUTHOR

CHECK

APPROVE

Peng Jianji