



Zhe Jiang DONGYANG DMEGC Chen ji Electronics CO., LTD

RoHS H/F

PRODUCT SPECIFICATION

Product Information	Description	Double coil component	
	Part No.	DM-TS9352B-15	
	DN		
	Designed	Checked	Approved
	王欣欣	苗晓峰	周仕

Customer Information	Customer	
	Model	
	Part NO.	
	Customer Approved	

Address: Hengdian industrial Area, DongYang City, Zhejiang Province China

P.C: 322118

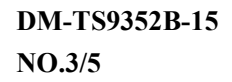
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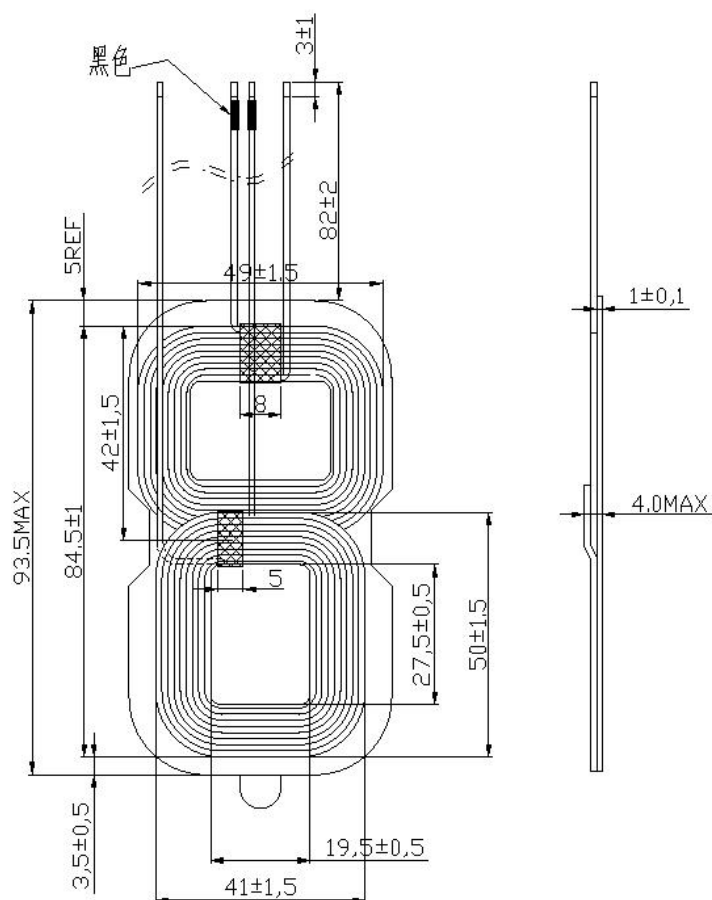


Important Notes:

- 1. If there is any argument on TX/Rx Coil Unit performance and/or life, judgment is to be made base on this specification only.**
- 2. Customer has the responsibility to ensure that TX/Rx Coil Unit can satisfy the requirement of your application.**
- 3. In the event that an official specification is not present by customer, this document will specify the agreed technical specification.**
- 4. Within the limitation to satisfy this specification, DMEGC has the convenience to change the materials, size and shapes of components of the motor for the purpose of improving quality, and/or performance, and/or production efficiency.**
- 5. After the receipt of this specification, customer should send a signed copy to DMEGC, before you issued purchase order for the confirmation on acknowledgement. DMEGC, regard it as the receipt of this specification acknowledged if customer fails to return the confirmation to us within the described period.**

[illegible]

1. DIMENSION(mm)



2. SCHEMATIC DIAGRAM



3. WINDING PARAMETERS

No.	WIRE DIA.	TURNS	INTERSECT
1	0.08*105P	9Ts	YES

3. ELECTRICAL CHARACTERISTICS:

100KHz/1Vrms , TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%

No.	Item	COIL_1	COIL_2
1	Ls	7.0 ± 0.3 uH	7.1 ± 0.3 uH
2	RDC	60 mΩ MAX	60 mΩ MAX



PRODUCT SPECIFICATION

DM-TS9352B-15
NO.5/5

4.BOM

BOM 表			
No.	MATERIAL NAME	DESCRIPTION	UL FILE NO
1	Tin	tin strip	/
2	tape	8mm and 5mm	E483388
3	COIL	0.08*105P SILK-COVERED WIRE	/
4	Ferrite Sheet	51.5x46.5x1	/
5	glue	structural adhesive	/
6	adhesive	0.08mm double-sided tape	/

5.The material meets the requirements of RoHS and halogen-free standards.

Acknowledgment

SPECIFICATION FOR APPROVAL

CUSTOMER: ZLGD-A1-0064

PART NO. : ZLGD-Y15X38.5-120-FR

DESCRIPTION: coil+hard ferrite sheet

SPECIFICATION: 15x38.5,0.08×105P, lead line length 120mm,
(measured from edge of ferrite sheet)

DATE: 20231111

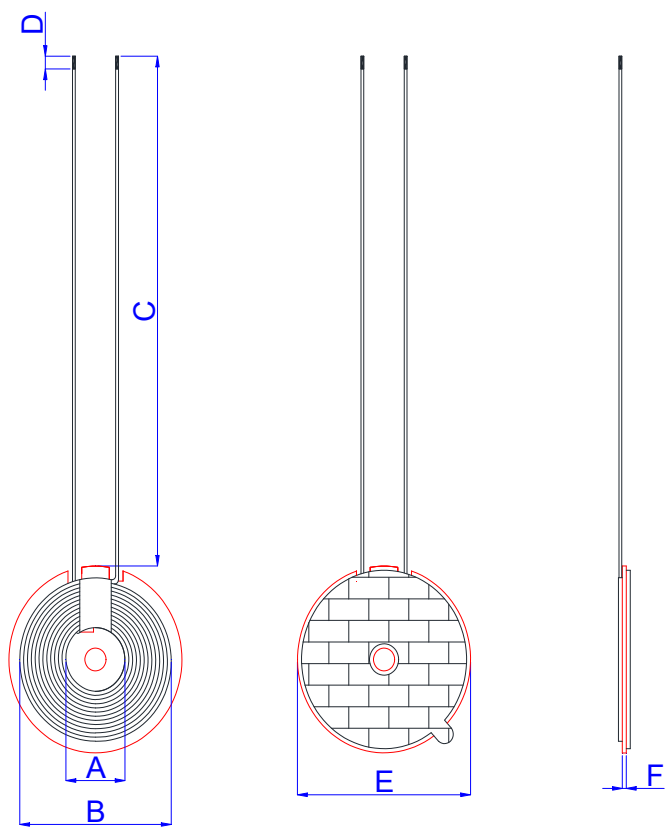
TRX APPROVAL		
Production	Audit	Recognition date
Xiaoxian Zeng	Zhihui Qiu	20231111
CUSTOMER APPROVAL		
Project	Approved	Recognition date
Result: ☐ Qualified ☐ Disqualified ☐ Other		

Dongguan city DFL Electronic Technology Co.,LTD

107 Xinfeng West Road, Shijie, Dongguan, Guangdong,

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Dongguan city DFL Electronic Technology Co.,LTD

SPECIFICATION					
DESC :	ZLGD-Y15X38.5-120-FR	version Rev:A	Customer:	ZLGD-A1-0064	
			Description:	coil+hard ferrite sheet	
			Date:	20231111	
1、 DIMENSION:(mm) 			A	15.0±1.0	
			B	38.5±2.0	
			C	120.0±4.0	
			D	3.0±2.0	
			E	44.0±1.0	
			F	0.8±0.2	
			G		
			H		
			I		
			J		
			K		
			L		
			M		
			N		
			O		
			P		
			Note: 1. The coil is pasted with G44*0.8 hard ferrite 2. Wrap 8MM high-temperature tape around the coil outlet position. 3. Double-sided tape for ears attached to the back of the ferite sheet 4. The coil cannot be loosened		
2、 schematic diagram:					
3、 WindingSpecification:					
NO.	TERMINAL	WIRE	Turns	Winding Direction	
1		0.08×105P Silk covered wire	12TS	Counterclockwise	
4、 ELECTRICAL CHARACTERISTICS:					
TEMPERATURE:25±10°C,RELATIVE HUMIDITY:65±20%					
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.		6.8UH ± 10% with hard ferrite added	100KHz/1.0V	SHDA 1062
2	IND.				
3	Q value				
4	DCR				
PREPARED BY/DATE		CHECKED BY/DATE		CUSTOMEU/DATE	

Huizhou Qitai Electronic Technology Co., LTD



SPECIFICATIONS SHEET

CUSTOMER :

中利冠达

DESCRIPTION :

Apple Watch coil-11mm

CUSTOMER P/N :

ZLGD-A1-0239

PART NUMBER :

DATE OF APPLICATION :

2023-11-12

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

- ☐ New application
- ✓ New part is added to accepted specification
- ☐ Revision of accepted specification

ACCEPTANCE STAMP



APPROVAL BY

CHECK BY

PREPARE BY

陈骏

陈骏

ADDRESS : 3rd Floor, No. 181, Mingyue 2nd Road, Shiwan Town, Boluo County, Huizhou city

TELEPHONE : 0752-6668681

E-MAIL : 839689578@qq.com

Huizhou Qitai Electronic Technology Co., LTD					
History For Revised Specification					
CUSTOMER P/N :				中利冠达	
PART NUMBER :				ZLGD-A1-0239	
Item	DESCRIPTION (Content Or Reason For Changed)	Rev.	Cust Rev.	Date	Revisor
1	Initial Release	A0		2023-11-12	陈骏
APPROVED BY		CHECKED BY	PREPARED BY	DATE	PAGE
昆子奇			陈骏	2023-11-12	1 of 3

Specification

CUSTOMER P/N :

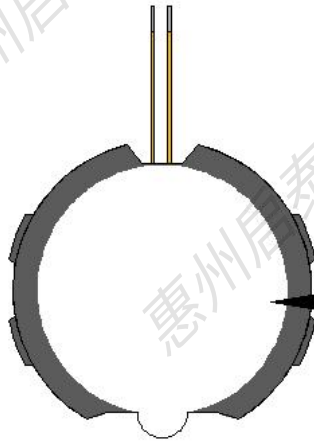
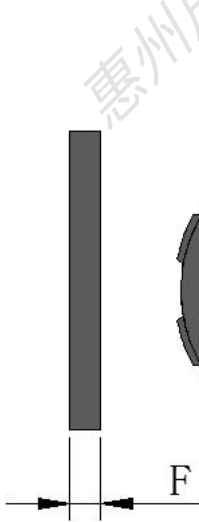
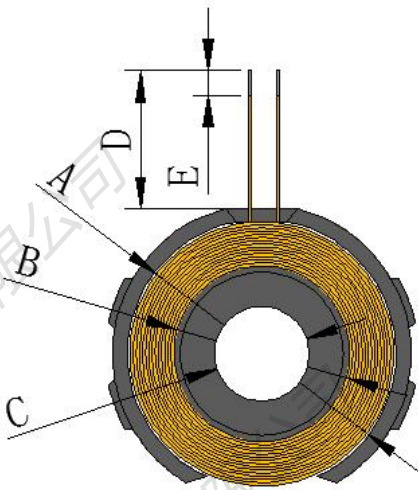
中利冠达

PART NUMBER :

ZLGD-A1-0239

1. DIMENSIONS : (Unit: mm)

Unit: mm



背胶

A	B	C	D	E	F		
21Max	14±0.5	7.5±0.5	11±1	1.5±0.5	2.8Max		

1. Magnet size: $\phi 7.5 \times 2.2$, Gauss: 3000GS-3200GS.
2. Backing size: $\phi 18.5 \text{mm} \times 0.13 \text{mm}$, Lily white Rubber backing.

APPROVED BY	CHECKED BY	PREPARED BY	DATE	PAGE
昆子奇		陈强	2023-11-12	2 of 3

Huizhou Qitai Electronic Technology Co., LTD

Specification

CUSTOMER P/N :

中利冠达

PART NUMBER :

ZLGD-A1-0239

2. WINDING DETAILS

Coil1

Turns	Wire Dia	Wdg. Type Spred/Close	Wdg.Direction	Intersect Yes/Not
13TS	0.08*24P (Hot Air stranded Wire)	Close	逆绕	(Yes)

3. ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
Coil 1					
1.	IND	S-F	7.5uh-8.1uh	100kHz/V	UC2906A
2.	Q	S-F	20Min	100kHz/V	UC2906A
3.	DCR	S-F	135Max	100kHz/V	UC2906A

APPROVED BY	CHECKED BY	PREPARED BY	DATE	PAGE
鬼子奇		陈骏	2023-11-12	3 of 3