

Acknowledgement

SPECIFICATION FOR APPROVAL

Client name(CUSTOMER) Shenzhen Xuanhongda Electronic Technology Co., LTD

Customer P/N:

Product Name (DESCRIPTION): Wireless charging coil

DATE: 2025/11/18

Specifications (SPECIFICATION): G42.5/0.5mm Thickness: 0.07*80 units Inner diameter 20.5mm, line length 50mm

Hongrisengwei Technology Co., Ltd. acknowledges the signing, verification, and stamping.

Department	Confirmation/Date	Review/Date	Approval/date	(Seal of the company)
Character	Dong Wan Hong	Lü Hui	Wenman	
Engineering	He Weihua	Wei Lihong	Wei Lihong	

Remarks :

Shenzhen Xuanhongda Electronic Technology Co., Ltd. acknowledges the signing, verification, and stamping.

Department	Confirmation/Date	Review/Date	Date of approval	(Ge Company Public
Development engineering				Zhang
Purchase				
Character				

Remarks :

HRSW ELECTRONICS CO.,LTD

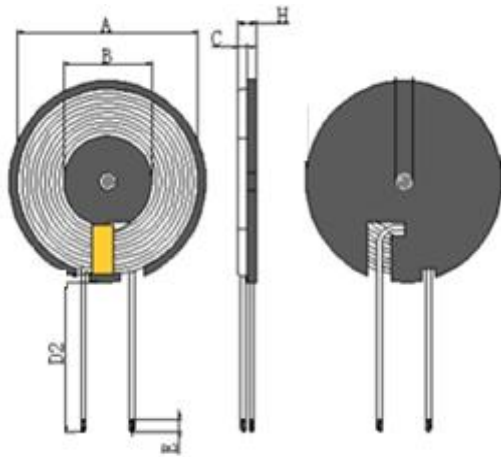
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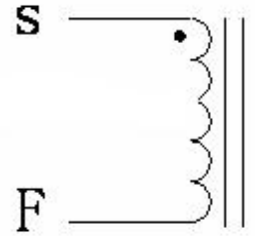
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. The coil is attached with magnetic sheet, the size of magnetic sheet is 42.5mm, the thickness is 0.5 ± 0.5 mm and the L line groove is opened.

2. The coil wire exit position is wrapped with adhesive paper 1-2Ts;

3. The back of the magnetic sheet has adhesive.

A	B	C	D2	E	H	I
42.5 ± 0.5	20 ± 1	0.5 ± 0.5	50 ± 3	3 ± 2	1.85MAX	Two output wires exit from the main slot. [Two input wires enter one slot]

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-wrapped wire 0.07*80mm 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L		HI-POT
TEST	Coil magnet	S-F	Single coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.3 \mu\text{H} \pm 10\%$	55 mΩ Max	$3.6 \mu\text{H} \pm 15\%$		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	0.07*80 shares	0.07*80 silk-wrapped wires	NANJINGJINNINGCO,LTD	
2	Lead-free solder	Lead-free solder	QIAODO	
3	Magnetic sheet	42.5*0.5 Manganese-zinc hard magnetic sheet with L-slot	TAIYI CO.,LTD	
4	Glue	Yellow glue 9999	LIANCHENG CO.,LTD	
5	High temperature adhesive tape	3mm wide high temperature adhesive tape	CUDAK CO.,LTD	
6	Gum	The back of the magnetic disc is coated with white adhesive.	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G42.5 with grooved back adhesive, 0.07×80 threads, 50mm
DRAWN BY	CHECKED BY		APPROVED BY
He Weihua	Wei Lihong		Wei Lihong