

Acknowledgement

SPECIFICATION FOR APPROVAL

Customer Name (CUSTOM)

Customer P/N: Magnetic Coil

Product Name (DESCRIPTION):

DATE: 2025/8/12

Specification: G43.5 slotted magnetic coil (0.08*24*2 strands) + 35mm long backing adhesive

Hongrisun Technology acknowledges the signing and stamping of documents

Department	Confirm/date	Review/Date	Approved/Date	(Seal of the company)
Character	Dong Wan Hong	Lü Hui	Wei Hanman	
Engineering	He Weihua	Wei Hong	Wei Hong	

Remarks :

Acknowledgment signature and seal

Department	Confirm/date	Review/Date	Approved/Date	(Ge Company Gong)
Develop- ment eng- ineering				
Purchase				
Character				

Remarks :

**Shenzhen Hongri Shengwei Technology
Co., Ltd.HRSW ELECTRONICS CO., LTD**

ADD: 2F, Building 1, No.48, Guanlan Huanguan Middle Road, Longhua New District, Shenzhen

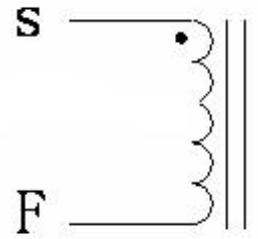
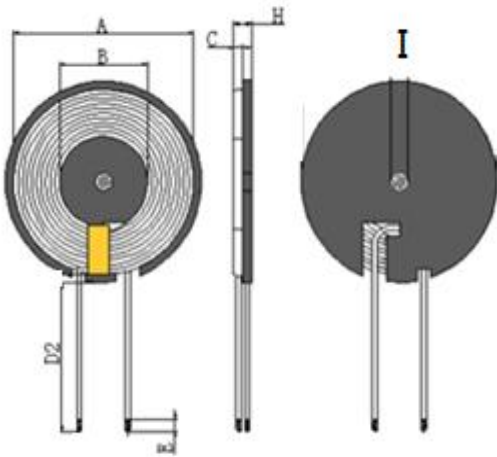
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1.MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



1. Magnetic sheets ($43.5\text{mm}\pm 0.5\text{mm} \times 0.6\pm 0.05\text{mm}$) are affixed to the coil, with a L-shaped wire groove cut out.

2. Apply 1-2Ts of adhesive tape at the coil lead-out position.

3. Apply adhesive backing to the bottom of the magnetic shield.

A	B	C	D2	E	H	I			I
43.5 ± 0.5	20.5 ± 0.5	0.6 ± 0.05	35 ± 3	4 ± 2	1.8MAX	5.3			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot air duct 0.08*24*2mm 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q price	HI-POT
TEST	Coil with magnetic sheet	S-F	Single coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.5\mu\text{H}\pm 10\%$	$78\text{m}\Omega$ Max	$3.8\mu\text{H}\pm 10\%$		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Hot air duct 0.08*24*2 strands	Hot air duct 0.08*24*2 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	43.5*0.6 Manganese-zinc hard magnetic sheet with L-slot	TAIYI CO.,LTD	
4	Glue	Yellow glue 9999	LIANCHENG CO.,LTD	
5	High-temperature adhesive tape	7mm wide high-temperature adhesive tape	CUDAK CO.,LTD	
6	Gum	$\varnothing 41.5*0.1/3\text{M}$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5 Magnetic Adhesive + Back Glue
DRAWN BY	CHECKED BY		APPROVED BY
He Weihua	Wei Lihong		Wei Lihong