

SPECIFICATION FOR APPROVAL

CUSTOM: HRSW ELECTRONICS CO., LTD

CUSTOMER P/N:

DESCRIPTION:

DATE: Dec. 17, 2021

SPECIFICATION: Apple magnetic coil G43.5 slot +60mm

REV.NO.:A0

Hongri Shengwei technology admitted to sign, seal

department	Confirmation/Date	Audit/Date	Approval/Date	cover the company's official seal
quality	Dong Wanhong Dec. 17, 2021	Lv Hui Dec. 17, 2021	Wei Hanman Dec. 17, 2021	
project	He Weihua Dec. 17, 2021	Wei Lihong Dec. 17, 2021	Wei Lihong Dec. 17, 2021	

Remark:

Huakosheng digital technology admitted to sign, seal

department	Confirmation/Date	Audit/Date	Approval/Date	cover the company's official seal
project				
purchase				
quality				

Remark :

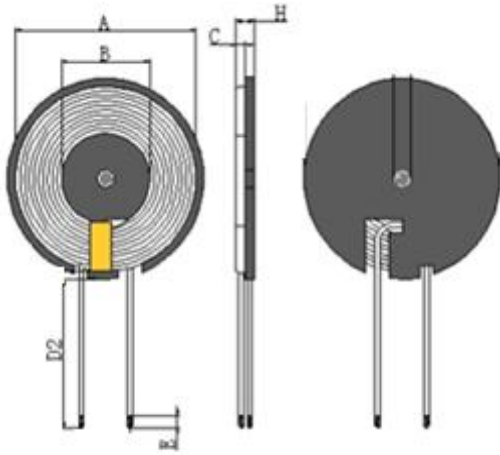
HRSW ELECTRONICS CO.,LTD

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

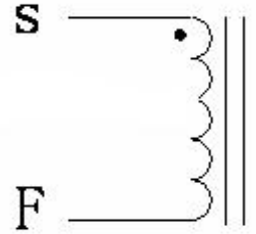
TEL: +86-755-23461055 **FAX:** +86-0755-28015170

SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Coil attached magnetic disc, magnetic disc size $44\pm 1\text{mm}$, Open L-cable slots.
 2. Coil outlet position
- Adhesive paper 1-2Ts;

A	B	C	D2	E	H
43.5 ± 1.0	20.5 ± 0.5	0.3 ± 0.05	60 ± 3	3 ± 1.5	1.25 ± 3

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot air wire $\varnothing 0.08*24\text{mm} *2\text{P} 2\text{UEW}$	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST	Coil and diskette	S-F			
CON	100KHz, 0.25V	AT 25°C			
SPEC	$6.3\mu\text{H}\pm 10\%$	$85\text{m}\Omega$ Max			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Hot air wire 0.08*24 strands	Hot air wire 0.08*24 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	magnetic sheet	43.5*0.5 manganese zinc hard disk with L-slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	high-temperature adhesive tape	8mm wide high temperature adhesive paper	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	Apple magnetic coil G43.5 slot +60mm
DRAWN BY	CHECKED BY		APPROVED BY
He Weihua	Wei Lihong		Wei Lihong

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6. SAMPLE TEST DATA									
6.1 DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	E	H			
SPEC	43.5±1.0	20.5±0.5	0.3±0.05	60±3	3±1.5	1.25±3			
1	43.87	20.51	0.31	60	3.50	1.27			
2	43.89	20.53	0.299	60.01	3.60	1.26			
3	43.91	20.51	0.32	60.08	3.70	1.29			
4	43.98	20.49	0.31	59.9	3.80	1.29			
5	43.97	20.5	0.32	60.01	4.00	1.23			
6									
7									
8									
9									
10									
MAX	43.98	20.53	0.32	60.08	4.00	1.29			
MIN	43.87	20.49	0.30	59.90	3.50	1.23			
AVERAGE	43.92	20.51	0.31	60.00	3.72	1.27			
6.2 ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.5uH ±10%		85mΩ (Max)						
1	6.54		68.00						
2	6.49		67.00						
3	6.38		68.80						
4	6.51		67.90						
5	6.48		66.90						
6									
7									
MAX	6.54		68.80						
MIN	6.38		66.90						
AVERAGE	6.48		67.72						
HRSW ELECTRONICS CO.,LTD					PART NO		Apple magnetic coil G43.5 slot +60mm		
					TITLE				
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He Weihua			Wei Lihong				Wei Lihong		