

ACKNOWLEDGMENT

SPECIFICATION FOR APPROVAL

Customer Name (CUSTOMER): Co., Ltd.

Customer Part No. (CUSTOMER P/N):

Product Name (DESCRIPTION): DATE:2024-5-20

Specification (SPECIFICATION): All L-slot + adhesive backing, lead wire length 40mm REV.NO.:A0

Hongri Shengwei Technology Acknowledgment, Signature & Stamp

Department	Confirmed/Date	Reviewed/Date	Approved/Date	(Company Seal)
Quality	Dong Wanhong 2024-5-20	Lv Hui 2024-5-20	Wei Hanman 2024-5-20	
Engineering	He Weihua 2024-5-20	Wei Lihong 2024-5-20	Wei Lihong 2024-5-20	

Remarks:

Department	Confirmed/Date	Reviewed/Date	Approved/Date	(Company Seal)
Development Engineering				
Purchasing				
Quality				

Remarks:

Manufacturer: Shenzhen Hongri Shengwei Technology Co., Ltd.

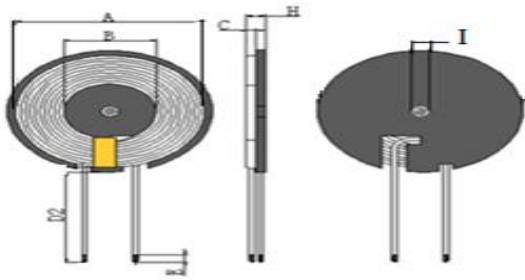
HRSW ELECTRONICS CO.,LTD

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

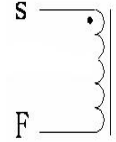
TEL: +86-755-23461055 FAX: +86-0755-28015170

SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Coil with magnetic sheet, magnetic sheet size $50 \pm 1\text{mm}$, L-wire slot opened.
2. Coil outlet position wrapped with tape 1-2Ts;
3. Bottom of magnetic isolation sheet must be taped

A	B	C	D2	E	H	I
50 ± 1.0	20.5 ± 0.5	0.8 ± 0.1	40 ± 3	4 ± 2	2.8MAX	5 ± 0.5

3. WINDING:

1.1 Bottom :

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-covered wire $\varnothing 0.08 \times 105\text{mm}$ 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q Value	HI-POT
TEST COND	Coil with magnetic sheet	S-F	Coil only		
	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.3\mu\text{H} \pm 10\%$	60mΩ Max	$3.8\mu\text{H} \pm 15\%$		

5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk-covered wire 0.08*105 strands	Acetone silk-covered wire 0.08*105 strands	NANJINGJINNINGCO, LTD	
2	Lead-free solder bar	Lead-free solder bar	QIAODO	
3	Magnetic sheet	$\varnothing 50$ Mn-Zn hard magnetic sheet with L-slot	TAIYI CO., LTD	
4	Glue	Yellow glue 9999	LIANCHENG CO., LTD	
5	High-temperature tape	8mm wide high-temperature tape	CUDAK CO., LTD	
6	Adhesive backing	$\varnothing 49 \times 0.1$	CUDAK CO., LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	All L-slot + adhesive backing, lead wire length 40mm
DRAWN BY	CHECKED BY	APPROVED BY	
He Weihua	Wei Lihong	Wei Lihong	

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6. 1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	E	H	I		
SPEC	41±1.0	20.5±0	0.80±0	40±3	4±2	2.8Max	5±0.5		
1	41	20.65	0.86	40	3.50	2.35	5.01		
2	41.59	20.63	0.87	41	4.00	2.46	4.99		
3	41.59	20.65	0.85	39.8	3.98	2.36	5.02		
4	41.67	20.055	0.83	40.02	3.79	2.38	4.98		
5	41.85	20.45	0.84	40.01	4.02	2.28	4.99		
6									
7									
8									
9									
10									
MAX	41.85	20.65	0.87	41.00	4.02	2.46	5.02		
MIN	41.00	20.65	0.83	39.80	3.50	2.28	4.98		
AVERAGE	41.54	20.49	0.85	40.17	3.86	2.37	4.998		
6. 2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.3uH ±10%		60mΩ (Max)						
1	6.31		42.00						
2	6.35		45.00						
3	6.34		43.00						
4	6.41		43.50						
5	6.38		43.60						
6									
7									
8									
9									
10									
MAX	6.41		45.00						
MIN	6.31		42.00						
AVERAGE	6.36		43.42						
HRSW ELECTRONICS CO., LTD					PART NO		All L-slot + adhesive backing, lead wire length 40mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
He Weihua			Wei Lihong				Wei Lihong		

