

Approval Letter

SPECIFICATION FOR APPROVAL

CUSTOMER: Huake Sheng Digital Technology Co., Ltd.

CUSTOMER P/N:

DESCRIPTION : DATE: 2025-10-14

SPECIFICATION: G43.5 slotting + adhesive 40mm internal hole 13.5mm REV.NO.:A0

Hongri Shengwei Technology Acknowledgment Signature and Seal

Department	Confirmation/Date	Review/Date	Approval/Date	(Company Seal)
Quality	Dong Wan Hong2025-10-14	Lv Hui2025-10-14	Wei Hanman 2025-10-14	
Engineering	He Weihua 2025-10-14	Wei Lihong2025-10-14	Wei Lihong 2025-10-14	

Remarks:

Hua Ke Sheng Dlgital Technology Co., Ltd. Acknowledges Signature and Seal

Department	Confirmation/Date	Review/Date	Approval/Date	(Company Seal)
Developer				
Engineering				
Purchasing				
Quality				

备注:

Shenzhen Hongri Shengwei Technology Co., Ltd.

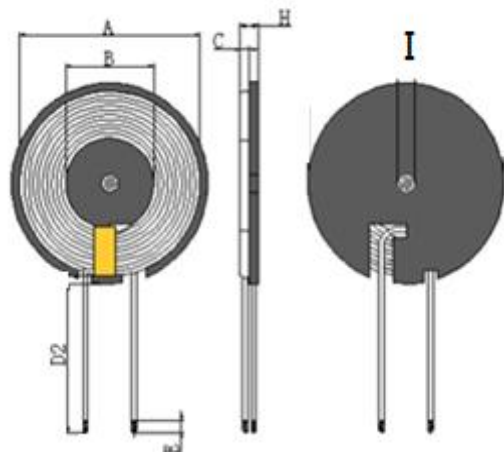
HRSW ELECTRONICS CO.,LTD

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

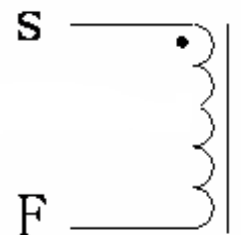
TEL: +86-755-23461055 FAX: +86-0755-28015170

SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



- 1.Magnetic sheet attached to coil, Magnetic sheet dimensions: 43.5±1 mm, thickness 0.8±0.05 mm L-shaped wire routing slot to be cut.
- 2.Coil wire outlet position, Wrap adhesive tape for 1 to 2 turns.
- 3.Adhesive backing shall be applied to the bottom of the magnetic isolation sheet.

A	B	C	D2	E	H	I			I
43.5±1.0	13.5±1.0	0.8±0.05	40±3	4±2	2.8MAX	5±0.1			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	ø0.08*24*2Pmm 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q值	HI-POT
TEST	S-F	S-F	S-F Separate Coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	6.5uH±10%	80mΩ Max	3.8uH±15%		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	HA Wire	0.08*24	NANJINGJINNINGCO,LTD	
2	LF Solder Bar	Lead-Free Solder Bar	QIAODO	
3	MnZn Ferrite	Mn-Zn Ferrite Sheet ø43.5x0.8, L slot	TAIYI CO.,LTD	
4	Yellow Adhesive	Y-Adh 9999	LIANCHENG CO.,LTD	
5	HT Tape	High Temperature Tape 7mm	CUDAK CO.,LTD	
6	DS Tape	ø41.5*0.1	CUDAK CO.,LTD	
7	Magnet	5*1.5	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	MnZn Ferrite ø43.5 (L slot)DS Tape ø40, Inner Hole ø13.5
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	43.5±1.0	13.5±1.0	0.8±0.05	40±3	4±2	2.8MAX	5+0.1		
1	43.48	13.59	0.79	42	3.50	2.55	4.98		
2	43.51	13.67	0.81	39	3.60	2.56	4.96		
3	43.52	13.68	0.76	40.3	3.70	2.49	5.05		
4	43.46	13.59	0.82	41	3.80	2.52	5.03		
5	43.39	13.57	0.78	40.2	4.00	2.50	4.98		
6									
7									
8									
9									
10									
MAX	43.52	13.68	0.82	42.00	4.00	2.56	5.05		
MIN	43.39	13.57	0.76	39.00	3.50	2.49	4.96		
AVERAGE	43.47	13.62	0.79	40.50	3.72	2.52	5.00		
6. 2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.5uH±10%		80mΩ(Max)						
1	6.58		46.00						
2	6.60		48.00						
3	6.75		47.00						
4	6.78		46.90						
5	6.65		47.10						
6									
7									
8									
9									
10									
MAX									
MIN									
AVERAGE									
HRSW ELECTRONICS CO.,LTD					PART NO		G43.5开槽+背胶50mm内孔 13.5mm		
					TITLE				
DRAWN BY			CHECKED BY			APPROVED BY			
He Weihua			Wei Lihong			Wei Lihong			