

Acknowledgment Letter

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER NAME) Haoyu Xuan Technology Co., Ltd.

客户料号 (CUSTOMER P/N) :

品名 (DESCRIPTION): DATE:2024-3-2

规格 (SPECIFICATION): Slot G43.5 with back adhesive 6.5UH 60mm REV.NO.:A0

Hongri Shengwei Technology admits to approval and stamping

部门	确认/日期	审核/日期	批准/日期	(盖公司公章)
品质	董晚红 2024-3-2	吕惠 2024-3-2	韦函满 2024-3-2	
工程	何伟华 2024-3-2	韦立红 2024-3-2	韦立红 2024-3-2	

备注:

Hao Yu Xuan Technology admits to approval and stamping

部门	确认/日期	审核/日期	批准/日期	(盖公司公章)
开发工程师				
采购				
品质				

备注:

深圳市鸿日昇威科技有限公司

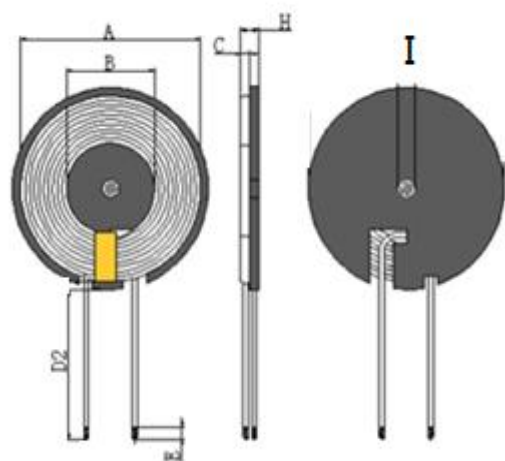
HRSW ELECTRONICS CO.,LTD

ADD: 深圳市龙华新区观澜环观中路48号1栋2楼

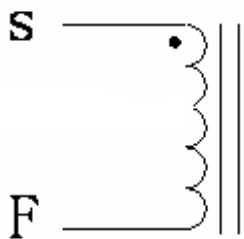
TEL: +86-755-23461055 FAX: +86-0755-28015170

SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



- 1.Attach magnetic strips to the coil, with dimensions of $43.5\pm1\text{mm}$ and a thickness of $0.8\pm0.05\text{mm}$.
Cut an L-shaped groove.
- 2.Coil lead-out position; Wrap insulating tape 1-2 turns;
- 3.The front of the coil should be attached with back adhesive, and the back of the magnet should be covered with black film.

A	B	C	D2	E	H	I			I
43.5±1.0	20.5±0.5	0.5±0.05	50±3	3±2	1.4MAX	5±0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	silk-wrapped wireø0.08*24mm*2P 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q值	HI-POT
TEST COND	Coil with magnetic disc	S-F			
	100KHz, 0.25V	AT 25℃			
SPEC	6.5uH±10%	65mΩ Max			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	hot air line	热风线0.08*24股	NANJINGJINNINGCO,LTD	
2	lead-free solder strip	无铅锡条	QIAODO	
3	Magnetic sheet	ø44*0.5锰锌硬磁片开L槽	TAIYI CO.,LTD	
4	Glue	黄胶9999	LIANCHENG CO.,LTD	
5	high-temperature tape	7mm宽高温胶纸	CUDAK CO.,LTD	
6	Adhesive backing/Black film	ø41.5*0.1	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	Slot G43.5 with back adhesive 6.5UH 60mm
DRAWN BY		CHECKED BY	APPROVED BY
何伟华		韦立红	韦立红

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6. 1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D2	E	H	I		
SPEC	43.5±1.0	20.5±0.5	0.5±0.05	60±3	4±2	1.4MAX	5±0.5		
1	43.87	20.51	0.51	50	3.50	1.40	5.01		
2	43.89	20.53	0.5	49	3.60	1.38	5.02		
3	43.91	20.49	0.49	52	3.70	1.35	5.01		
4	43.98	20.5	0.5	51	3.80	1.32	5.03		
5	43.97	20.51	0.51	48	4.00	1.30	5.01		
6									
7									
8									
9									
10									
MAX	43.98	20.53	0.51	52.00	4.00	1.40	5.03		
MIN	43.87	20.49	0.49	48.00	3.50	1.30	5.01		
AVERAGE	43.92	20.51	0.50	50.00	3.72	1.35	5.02		
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%		65mΩ(Max)						
1	6.54		42.00						
2	6.59		41.50						
3	6.58		42.30						
4	6.57		41.60						
5	6.61		41.80						
6	6.49		42.3						
7									
8									
9									
10									
MAX	6.61		42.30						
MIN	6.49		41.50						
AVERAGE	6.56		41.92						
HRSW ELECTRONICS CO.,LTD					PART NO				
					TITLE		Slot G43.5 with back adhesive 6.5UH 60mm		
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华			韦立红				韦立红		