

承认书

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER) 意珑科技有限公司

客户料号 (CUSTOMER P/N) :

品名 (DESCRIPTION) : DATE: 2024-6-20

规格 (SPECIFICATION) : G44开槽+6.9UH背胶50mm REV.NO.: A0

鸿日昇威科技承认签核、盖章

部门	确认/日期	审核/日期	批准/日期	(盖公司公章)
品质	董晚红2024-6-20	吕惠2024-6-20	韦函满2024-6-20	
工程	何伟华2024-6-20	韦立红2024-6-20	韦立红2024-6-20	

备注:

意珑智能科技承认签核、盖章

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: 2nd Floor, Building 1, No. 48 Huanguanzhong Road, Guanlan, Longhua

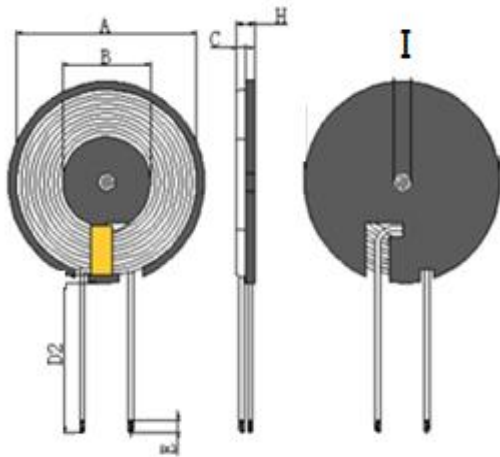
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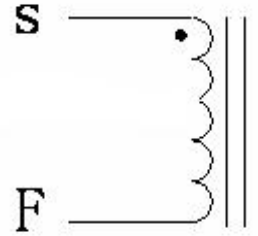
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1.MECHANICAL DIMENSION (UNIT:mm)



1. 线圈贴磁片，磁片尺寸
43.5*0.8*8.0
开L线槽。
2. 线圈出线位置
缠胶纸 1-2Ts；
隔磁片底部要贴不掏孔背胶
4. 磁片中间加7.8*2.1磁铁

2. SCHEMATICS:



1. Attach the magnetic sheet to the coil. The size of the magnetic sheet is 43.5*0.8*8.0. Make an L-shaped slot.
2. The position where the coil is connected to the outside.
Wrap adhesive tape 1-2 times.
3. The bottom of the magnetic sheet should be attached with non-drilled back adhesive.
4. Add a 7.8*2.1 magnet in the middle of the magnetic sheet.

A	B	C	D2	E	H	I			I
43.5±1.0	13.5±0.5	0.8±0.05	50±3	4±2	2.8MAX	8±0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	丝包线Ø 0.08*105mm 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q值	HI-POT
TEST	线圈加磁片 Coil with magnetic sheet	S-F			
CON	100KHz, 0.25V	AT 25℃			
SPEC	6.9uH±10%	60mΩ Max			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk braided wire: 0.08 * 105 strands	Acetone silk braided wire: 0.08 * 105 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin rod	Lead-free tin rod	QIAODO	
3	magnetic sheet	44*0.8*8.0 manganese-zinc hard magnetic sheet with L-shaped slot	TAIYI CO.,LTD	
4	glue	Yellow Glue 999	LIANCHENG CO.,LTD	
5	high-temperature adhesive tape	7mm wide heat-resistant adhesive tape	CUDAK CO.,LTD	
6	magnet	7.8*2.1	TAIYI CO.,LTD	
7	glue	Ø 41.8*0.1	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G44 slotting + 7.2UH adhesive backing 50mm
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	D	E	H	I		
SPEC	43. 5±1. 0	13.5±0.5	0.8±0.05	50±3	4±2	2. 8MAX	8±0. 5		
1	43.87	13.59	0.79	51	4. 00	2. 55	7. 99		
2	43.89	13.67	0.81	49	3. 60	2. 56	8. 01		
3	43.91	13.68	0.76	50.1	4. 10	2. 49	7. 98		
4	43.98	13.59	0.82	49.2	4. 12	2. 52	8. 02		
5	43.97	13.57	0.78	50.1	3. 99	2. 50	8		
6									
7									
8									
9									
10									
MAX	43. 98	13. 68	0. 82	51. 00	4. 12	2. 56	8. 02		
MIN	43. 87	13. 57	0. 76	49. 00	3. 60	2. 49	7. 98		
AVERAGE	43. 92	13. 62	0. 79	49. 88	3. 96	2. 52	8. 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. 9uH ±10%		60mΩ (Max)						
1	6. 98		42. 00						
2	7. 00		42. 30						
3	6. 99		42. 50						
4	7. 01		42. 10						
5	7. 02		42. 35						
6									
7									
8									
9									
10									
MAX	7. 02		42. 50						
MIN	6. 98		42. 00						
AVERAGE	7. 00		42. 25						
HRSW ELECTRONICS CO. , LTD					PART NO		G44 slotting + 6.90H adhesive backing 50mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华			韦立红				韦立红		