

承认书

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER):

客户料号 (CUSTOMER P/N): MSJLA1105MM001

品名 (DESCRIPTION): 手机线圈

DATE: 2023-8-23

规格 (SPECIFICATION): G43.5*2.8MM

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 2023-8-23	吕惠 2023-8-23	韦函满 2023-8-23	
工程	何伟华 2023-8-23	韦立红 2023-8-23	韦立红 2023-8-23	

备注:

购方承认签核、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

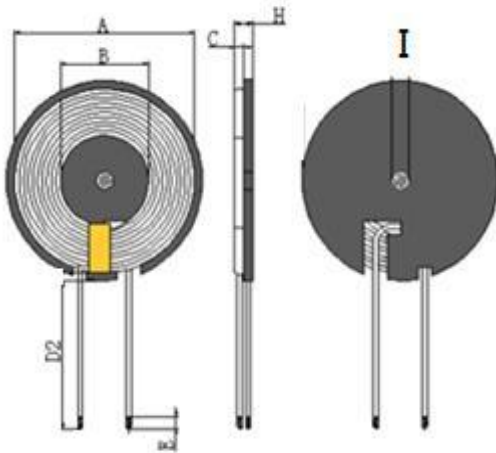
ADD: 深圳市龙华新区观澜环观中路48号1栋2楼

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

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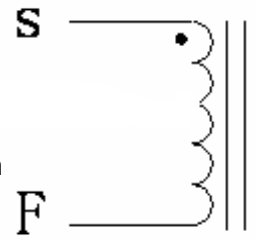
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1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:

1. The coil is attached to the magnetic disc, the magnetic disc size is $43.5 \pm 1\text{mm}$, the thickness is $0.8 \pm 0.05\text{mm}$, and the L-slot is opened
2. Wrap tape 1-2Ts around the coil outlet position
3. The bottom of the magnetic separator should be affixed with back glue



天线增益 Antenna gain:

Operation frequency:	113kHz-205kHz
Antenna Type:	Loop coil Antenna
Antenna gain:	0dBi

A	B	C	D2	E	H	I			I
43.5 ± 1.0	13.5 ± 0.5	0.8 ± 0.05	150 ± 3	2 ± 1.5	2.8MAX	5 ± 0.1			

3.WINDING:

1.1底部印字100

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	丝包线 $\phi 0.08 \times 105\text{mm}$ 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q value	HI-POT
TEST	Coil and diskette	S-F	Individual coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.5\mu\text{H} \pm 10\%$	60m Ω Max	$3.8\mu\text{H} \pm 15\%$		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk covered thread 0.08×105 strands	Acetone silk-covered wire 0.08×105 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	$\phi 44 \times 0.8$ Manganese zinc hard disk with L slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	High-temperature adhesive paper	7mm wide high temperature adhesive paper	CUDAK CO.,LTD	
6	Rubber backing	$\phi 41.5 \times 0.1$	CUDAK CO.,LTD	
7	Copper wire temperature	155 °C		

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43 slotted magnetic coil 3M
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	43.8±1.0	13.5±0.5	0.8±0.05	3+3	3±1.5	2.8MAX	5+0.1		
1	43.87	13.59	0.79	3.5	3.50	2.55	5		
2	43.89	13.67	0.81	4.5	3.60	2.56	5		
3	43.91	13.68	0.76	5.5	3.70	2.49	5		
4	43.98	13.59	0.82	4.9	3.80	2.52	5		
5	43.97	13.57	0.78	5.02	4.00	2.50	5		
6									
7									
8									
9									
10									
MAX	43.98	13.68	0.82	5.50	4.00	2.56	5.00		
MIN	43.87	13.57	0.76	3.50	3.50	2.49	5.00		
AVERAGE	43.92	13.62	0.79	4.68	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%		60mΩ (Max)						
1	6.54		42.00						
2	6.59		42.30						
3	6.58		42.50						
4	6.57		42.10						
5	6.61		42.35						
6	6.49								
7									
8									
9									
10									
MAX	6.61		42.50						
MIN	6.49		42.00						
AVERAGE	6.56		42.25						
HRSW ELECTRONICS CO., LTD					PART NO		G44开槽+背胶 3mm长		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华			韦立红				韦立红		