

承认书

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER) 首亿信科技有限公司

客户料号 (CUSTOMER P/N) :

品名 (DESCRIPTION) : DATE:2023-10-25

规格 (SPECIFICATION) : G44 slot + adhesive 185mm REV.NO.:A0

鸿日昇威科技承认签核、盖章

department	Confirmation/Date	Audit/Date	Approval/Date	(盖公司公章)
quality	董晚红 2023-10-25	吕惠 2023-10-25	韦函满 2023-10-25	
project	何伟华 2023-10-25	韦立红 2023-10-25	韦立红 2023-10-25	

comment:

首亿信科技承认签核、盖章

department	Confirmation/Date	Audit/Date	Approval/Date	(盖公司公章)
development				
engineering				
purchase				
quality				

comment:

深圳市鸿日昇威科技有限公司

HRSW ELECTRONICS CO.,LTD

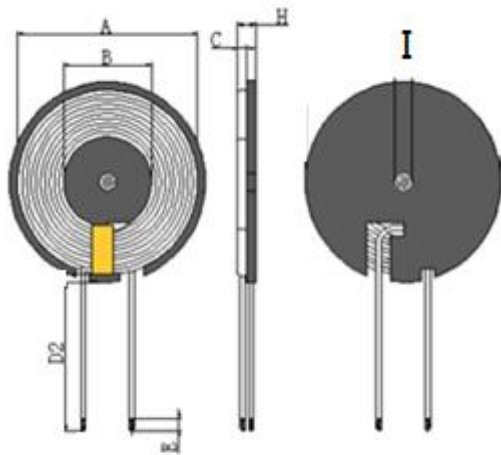
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page:1/3

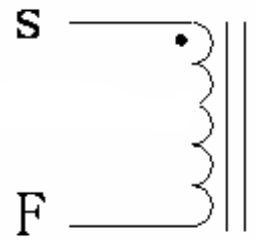
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1.MECHANICAL DIMENSION (UNIT:mm)



1. Coil attached magnetic disc, magnetic disc size $44\pm 1\text{mm}$, thickness $0.8\pm 0.05\text{mm}$ open L slot.
2. Wrap tape 1-2Ts around the coil outlet position;
3. The bottom of the magnetic separator should be affixed with back glue

2. SCHEMATICS:



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	20.5 ± 1	0.8 ± 0.05	185 ± 5	4 ± 2	2.8MAX	5 ± 0.1			

3.WINDING:

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

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q值	HI-POT
TEST	Coil and diskette	S-F	Individual coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.5\mu\text{H}\pm 10\%$	60mΩ 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	$\phi 44*0.8$ Manganese zinc hard disk with L slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	high-temperature adhesive tape	7mm wide high temperature adhesive paper	CUDAK CO.,LTD	
6	gum	$\phi 41.5*0.1$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G44 slot + adhesive 185mm
DRAWN BY		CHECKED BY	APPROVED BY
何伟华		韦立红	韦立红

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6. SAMPLE TEST DATA

6.1 DIMENSION TEST (UNIT:mm)

TEST ITEM	A	B	C	D	E	H	I		
SPEC	43.8±1.0	20.5±0.5	0.8±0.05	185±5	4±2	2.8MAX	5+0.1		
1	43.87	20.56	0.81	185	3.50	2.55	5		
2	43.89	20.46	0.8	184	3.60	2.56	5		
3	43.91	20.49	0.83	183	3.70	2.49	5		
4	43.98	20.51	0.82	187	3.80	2.52	5		
5	43.97	20.57	0.85	186	4.00	2.50	5		
6									
7									
8									
9									
10									
MAX	43.98	20.57	0.85	187.00	4.00	2.56	5.00		
MIN	43.87	20.46	0.80	183.00	3.50	2.49	5.00		
AVERAGE	43.92	20.52	0.82	185.00	3.72	2.52	5.00		

6.2 ELECTRICAL 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 slot + adhesive 185mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华			韦立红				韦立红		