

承认书

SPECIFICATION FOR APPROVAL

客户名称 (CUSTOMER) 一路红科技有限公司

客户料号 (CUSTOMER P/N) :

品名 (DESCRIPTION) : DATE: 2026-1-31

规格 (SPECIFICATION) : G43.5开槽+背胶185mm内孔13.5mm 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 ₂₀₂₆₋₁₋₃₁	吕惠 ₂₀₂₆₋₁₋₃₁	韦函满 ₂₀₂₆₋₁₋₃₁	
工程	何伟华 ₂₀₂₆₋₁₋₃₁	韦立红 ₂₀₂₆₋₁₋₃₁	韦立红 ₂₀₂₆₋₁₋₃₁	

备注:

一路红科技有限公司承认签核、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: No. 2, 2nd Floor, Building 1, Guanwan Ring Guan Middle Road, Longhua New District, Shenzhen City

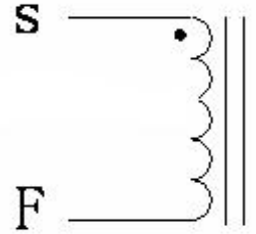
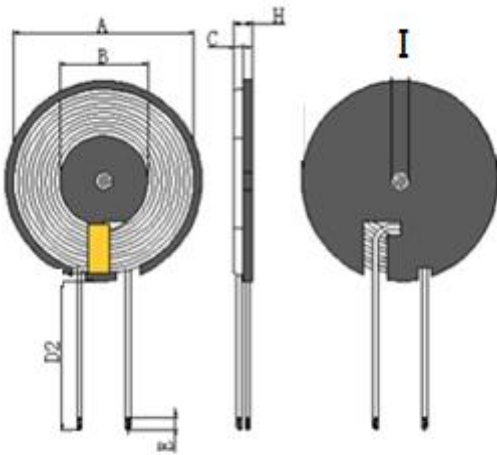
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



1. Fix mag. sheet to coil. Mag. sheet: $41.5 \pm 1\text{mm}$, thk. $0.8 \pm 0.05\text{mm}$. Fabricate L-slot.
2. Coil ext. conn.: wrap tape 1~2 laps.
3. Mag. spacer bottom with back adhesive.

A	B	C	D2	E	H	I			I
41.5 ± 1.0	13.5 ± 1.0	0.8 ± 0.05	185 ± 5	4 ± 2	2.5MAX	8 ± 0.1			

3.WINDING:

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

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q value	HI-POT
TEST	Coil w	S-F	Coil only		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.8\mu\text{H} \pm 5\%$	90m Ω Max	$3.8\mu\text{H} \pm 5\%$		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	SCW 0.08×105 strands	strandsCu-SCW0.08*105	NANJINGJINNINGCO,LTD	
2	LF Solder Bar	LF Solder Bar	QIAODO	
3	Mag. Sheet	$\varnothing 41.5 \times 0.8 \times 8.0$ Mag. Sheet w/ L-slot	TAIYI CO.,LTD	
4	Adhesive	Yellow Glue9999	LIANCHENG CO.,LTD	
5	High-Temp. Tape	7mm Hi-Temp. Tape	CUDAK CO.,LTD	
6	Adhesive Backing	$\varnothing 41.5 \times 0.1$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5 Ferrite, slotted w/back adhesive, OD43.5 ID13.5ID13.5mm
DRAWN BY		CHECKED BY	APPROVED BY
何伟华		韦立红	韦立红

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6. SAMPLE TEST DATA									
6.1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	E	H	I		
SPEC	41.5±1.0	13.5±1.0	0.8±0.05	185±3	4±2	2.5MAX	8+0.1		
1	41.38	13.59	0.79	185	3.50	2.28	8.01		
2	41.48	13.67	0.81	186	3.60	2.27	8.02		
3	41.6	13.68	0.76	185.9	3.70	2.23	8		
4	41.52	13.59	0.82	184	3.80	2.24	8.01		
5	41.52	13.57	0.78	185.2	4.00	2.26	8.01		
6									
7									
8									
9									
10									
MAX	41.60	13.68	0.82	186.00	4.00	2.28	8.02		
MIN	41.38	13.57	0.76	184.00	3.50	2.23	8.00		
AVERAGE	41.50	13.62	0.79	185.22	3.72	2.26	8.01		
6.2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.8uH ±10%		90mΩ (Max)						
1	6.82		48.00						
2	6.87		47.90						
3	6.71		48.20						
4	6.89		48.36						
5	6.73		48.70						
6									
7									
8									
9									
10									
MAX	6.89		48.70						
MIN	6.71		47.90						
AVERAGE	6.80		48.23						
HRSW ELECTRONICS CO., LTD					PART NO		G41.5开槽+背胶185mm内孔 13.5mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华			韦立红				韦立红		