

SPECIFICATION FOR APPROVAL

CUSTOMER:

立景科技

ROHS

CUSTOMER P/N:

TITLE:SMD INDUCTANCE

DATE:2023-3-2

HRSW MODLE : 8346双线圈

REV. NO. :A0

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APPROVED ☐	REJECTED ☐	“ ✓ ”
CUSTOMER'S SIGNATURE 		

REV	DATE	CHANGED CONTENTENTS &CHANGED REASONS	DRAWN	CHECKED	APPROVED
A0	2023/3/2	NEW RELEASE	谢超	何伟华	韦立红

鸿日昇威科 技 有 限 公 司

HRSW ELECTRONICS CO.,LTD

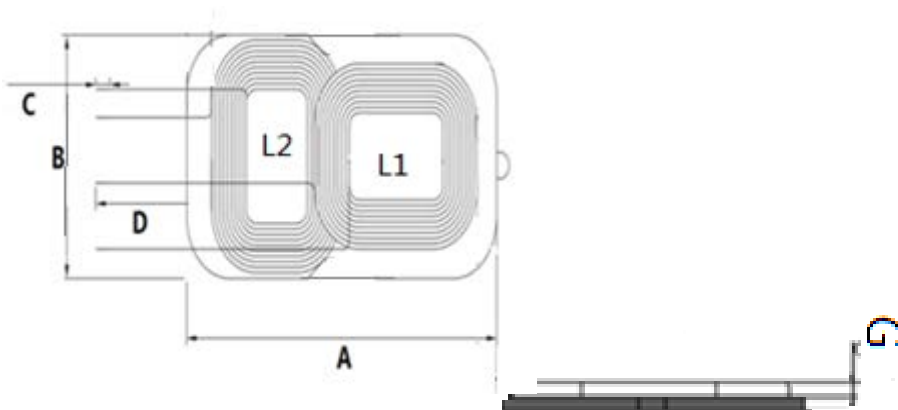
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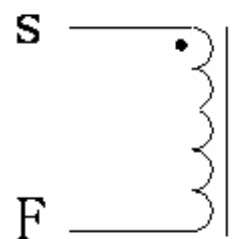


SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



The magnetic sheet needs to be added with white double-sided adhesive tape.

A	B	C	D	G					
83±1.0	46±1.0	4±2	100±3	4.0MAX					

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	silk covered wire 0.08*105mm 2UEW	9TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L1	L2	DCR		Q value	HI-POT
TEST	S-F	S-F	S-F			
CON	100KHz, 0.25V	100KHz, 0.25V	AT 25°C			
SPEC	6.8uH±10%	7.3uH±10%	60mΩ (Max)			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	silk covered wire 0.08*105 strand	Acetone silk covered wire 0.08*105 strand	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	83*46*0.8 Ferrite hard magnetic sheet	TAIYI CO.,LTD	
4	Adhesive	Chloroprene Adhesive 9999	LIANCHENG CO.,LTD	
5	High temperature adhesive tape	8mm wide high temperature adhesive tape	CUDAK CO.,LTD	
	Back Adhesive	83*46	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	8346 double-coil
DRAWN BY	CHECKED BY		APPROVED BY
Xie Chao	He weihua		Wei lihong

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6. 1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	G				
SPEC	83±1.0	46±1.0	4±2	46±3	4.0MAX				
1	83.21	46.05	3.01	45	2.30				
2	83.56	46.03	3.05	45.6	3.56				
3	84.02	46	3.05	46.2	2.37				
4	83.06	46.2	3.04	46.2	2.56				
5	84.1	46.28	3.06	46.3	3.60				
6									
10									
MAX	84.10	46.28	3.06	46.30	3.60				
MIN	83.06	46.00	3.01	45.00	2.30				
AVERAGE	83.59	46.11	3.04	45.86	2.88				
6. 2ELECTRICAL TEST									
TEST ITEM	L1	L2	DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.8uH±10%	7.3uH±10%	60mΩ(Max)						
1	6.81	7.31	44.00						
2	6.83	7.32	42.00						
3	6.79	7.29	43.00						
4	6.80	7.31	46.00						
5	6.78	7.30	42.00						
6									
7									
8									
9									
10									
MAX	6.83	7.32	46.00						
MIN	6.78	7.29	42.00						
AVERAGE	6.80	7.31	43.40						
HRSW ELECTRONICS CO.,LTD					PART NO		8346 double-coil		
					TITLE				
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