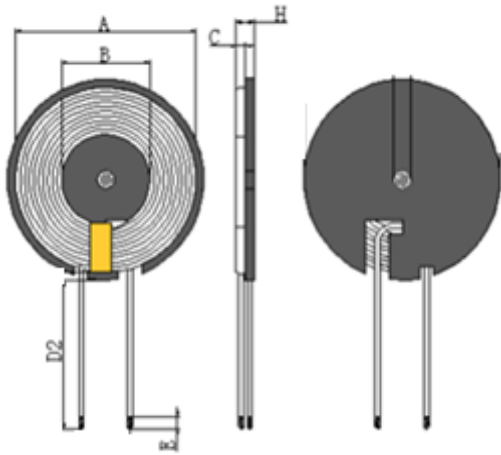
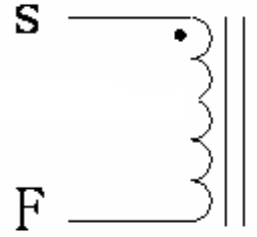


SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Coil attached magnetic plate, magnetic plate size $50 \pm 1\text{mm}$, the thickness is $0.8 \pm 0.05\text{mm}$
Open L-line slots.
2. Outlet position of the coil
Adhesive paper 1-2Ts;
3. The bottom of the magnetic separator should be glued

A	B	C	D2	E	H				I
50 ± 1.0	20.5 ± 0.5	0.9 ± 0.05	60 ± 2	3 ± 1.5	2.8MAX				

3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-covered wire 0.08*105mm 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q value	HI-POT
TEST	Coil plus magnetic plate	S-F	Individual coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.3\mu\text{H} \pm 10\%$	70mΩ 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	50*0.8 manganese zinc hard magnetic sheet with L slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	High temperature adhesive paper	8mm wide high temperature adhesive paper	CUDAK CO.,LTD	
6	Back glue	49*0.1	CUDAK CO.,LTD	

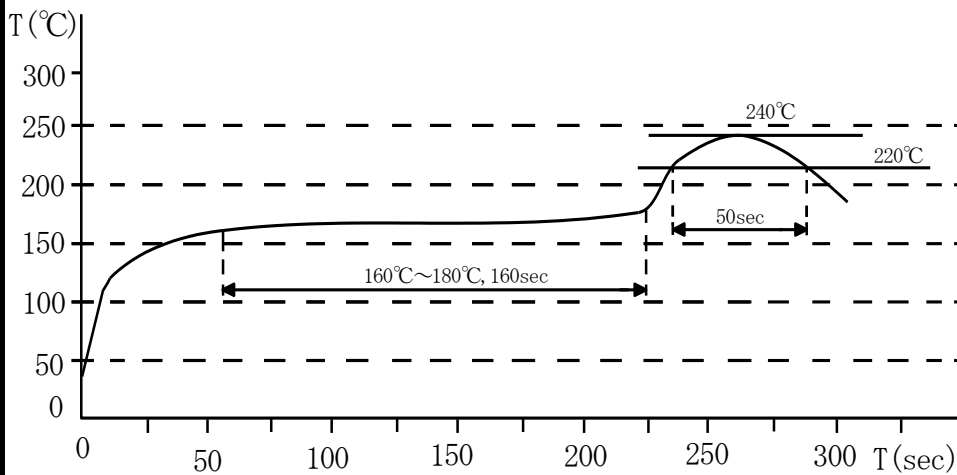
HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	A11 Single coil slotted 0.8H Lead length 60mm
DRAWN BY	CHECKED BY		APPROVED BY
Xie Chao	He Wei hua		Wei Li hong

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6.1 DIMENSION TEST (UNIT: mm)									
TEST ITEM	A	B	C	D	E	H			
SPEC	50±1.0	20.5±0.5	0.9±0.05	60±2	3±1.5	2.8MAX			
1	49.8	20.65	0.89	61	3.50	2.55			
2	49.9	20.63	0.9	61.5	3.60	2.56			
3	4.98	20.65	0.92	59.9	3.70	2.49			
4	50	20.055	0.9	59.8	3.80	2.52			
5	49.86	20.45	0.9	60	4.00	2.50			
6									
7									
8									
9									
10									
MAX	50.00	20.65	0.92	61.50	4.00	2.56			
MIN	4.98	20.06	0.89	59.80	3.50	2.49			
AVERAGE	40.91	20.49	0.90	60.44	3.72	2.52			
6.2 ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25°C						
SPEC	6.3uH ±10%		70mΩ (Max)						
1	6.35		52.00						
2	6.40		53.00						
3	6.32		51.00						
4	6.38		49.00						
5	6.37		50.00						
6									
7									
8									
9									
10									
MAX	6.40		53.00						
MIN	6.32		49.00						
AVERAGE	6.36		51.00						
HRSW ELECTRONICS CO., LTD					PART NO		A11 Single coil slotted 0.8H lead length 60mm		
					TITLE				
DRAWN BY			CHECKED BY			APPROVED BY			
Xi e Chao			He Wei hua			Wei Li hong			

SPECIFICATION FOR APPROVAL

3. Electrical parameters		
project	performance	Test method
Dc superposition characteristic	When the rated current is added, the inductance value changes within 35% of the initial value	Use LCR and corresponding offset power supply
Temperature variation	Within 40° C	Add the rated current and use a surface thermometer for its temperature
Overload test	The main body of the product does not occur surface cracking, burning, terminal loosening, no open circuit	Apply twice the rated current for 5 minutes
Insulation resistance	More than 100MΩ	A 250V DC voltage was applied between the two electrodes for 5 minutes
Service temperature	Including the product's own heating temperature	-40° C~100° C
Storage temperature characteristic	The appearance of the product is normal and within the specification range	-40° C~100° C
Moisture resistance	The appearance of the product is normal and within the specification range	1. temperature :40±2° C 2. Humidity :90° C-95° C 3. Time :96±2 hours



HRSW ELECTRONICS CO., LTD		PART NO	
		TITLE	A11 Single coil slotted 0.8H lead length 60mm
DRAWN BY	CHECKED BY		APPROVED BY
Xi e Chao	He Wei hua		Wei Li hong