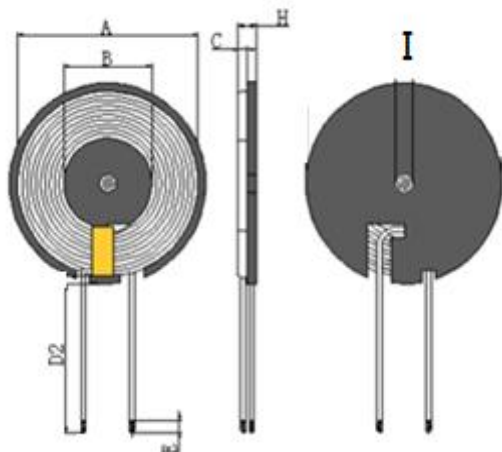
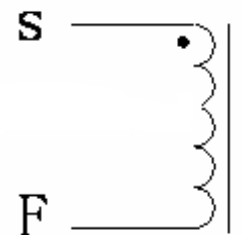


SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Coil with magnetic sheet, magnetic sheet size 43.5*0.8*8.0
Open L trunking.
2. Coil outlet position
Adhesive paper 1-2Ts;
3. The bottom of the magnetic isolation sheet should be pasted with non-hole adhesive tape.
4. Add 7.8*2.1 magnets in the middle of the magnetic sheet

A	B	C	D2	E	H	I			I
43.5±1.0	13.5±0.5	0.8±0.05	50±3	4±2	2.8MAX	8±0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	丝包线 0.08*105mm 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST	coil plus magnet	S-F			
CON	100KHz, 0.25V	AT 25℃			
SPEC	6.9uH±10%	60mΩ Max			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk covered wire 0.08*105 strands	Acetone wire covered wire 0.08*105 strands	NANJINGJINNINGCO, LTD	
2	Lead-free tin bar	Lead-free tin bar	QIAODO	
3	magnetic disk	44*0.8*8.0 manganese-zinc hard magnetic sheet with L slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	High temperature tape	7mm wide high temperature tape	CUDAK CO.,LTD	
6	Magnet	7.8*2.1	TAIYI CO.,LTD	
7	Adhesive	41.8*0.1	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD

PART NO

TITLE

G44 slotted +7.2UH adhesive 50mm

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	50±3	4±2	2.8MAX	8±0.5		
1	43.87	13.59	0.79	51	4.00	2.55	7.99		
2	43.89	13.67	0.81	49	3.60	2.56	8.01		
3	43.91	13.68	0.76	50.1	4.10	2.49	7.98		
4	43.98	13.59	0.82	49.2	4.12	2.52	8.02		
5	43.97	13.57	0.78	50.1	3.99	2.50	8		
6									
7									
8									
9									
10									
MAX	43.98	13.68	0.82	51.00	4.12	2.56	8.02		
MIN	43.87	13.57	0.76	49.00	3.60	2.49	7.98		
AVERAGE	43.92	13.62	0.79	49.88	3.96	2.52	8.00		
6. 2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.9uH±10%		60mΩ (Max)						
1	6.98		42.00						
2	7.00		42.30						
3	6.99		42.50						
4	7.01		42.10						
5	7.02		42.35						
6									
7									
8									
9									
10									
MAX	7.02		42.50						
MIN	6.98		42.00						
AVERAGE	7.00		42.25						
HRSW ELECTRONICS CO., LTD 2nd Floor, Building 1, No. 48 Guanlan Huanguan Middle Road, Longhua New District, Shenzhen, China					PART NO		G44 slotted +6.9UH adhesive 50mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
He Weihua			Wei Lihong				Wei Lihong		

Antenna gain:0dBi