

Acknowledgement

SPECIFICATION FOR APPROVAL

(CUSTOMER): Fab-chain Service Co., Ltd.

YE.L.XXXQ64043400

Model number: Large coil: G44

Watch coil model: 6.5u

(DESCRIPTION):

DATE: 2022/11/10

(SPECIFICATION): SPECIFICATION: G44

REV.NO.: A0

**HRSW ELECTRONICS CO., LTD Acknowledgement,
signature and seal**

depart ment	Confirmation/ date	Review/Date	Approval/date	(Official seal of
qualit y	DONGWANHONG 2022/11/10	LV HUI2022/11/10	WEI HAN MAN2022/11/10	
engine ering	HE WEI HUA2022/11/10	WEI LI HONG 2022/11/10	WEI LI HONG2022/11/10	

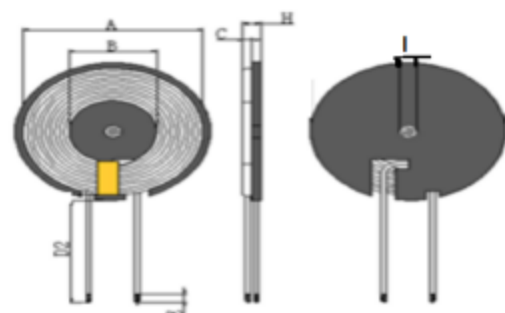
HRSW ELECTRONICS CO.,LTD

TEL: +86-755-23461055 FAX: +86-0755-28015170

page: 1/3

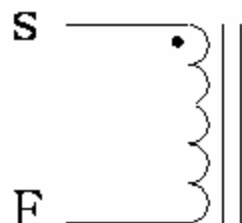
SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:

- Coil patch magnetic
magnetic sheet size $44 \pm 1\text{mm}$, thickness $0.8 \pm 0.05\text{mm}$
Open the L-trunking.
- Coil outlet position



A	B	C	D2	E	H				I
44 ± 1.0	20.5 ± 0.5	0.8 ± 0.05	47 ± 3	4 ± 2	2.2Max				

3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-wrapped wire $\varnothing 0.08 \times 24\text{mm} \times 2\text{P}$	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L		
TEST	Coil plus 100KHz, 0.25V	S-F AT 25°C	Separate coils 100KHz, 0.25V		
SPEC	$6.4\mu\text{H} \pm 10\%$	$60\text{m}\Omega$ Max	$3.8\mu\text{H} \pm 15\%$		

5. BILF OF MATERIAL :

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Copper wire	Hot air line 0.08×24 shares	NANJINGJINNINGCO.,LTD	
2	Lead-free tin	Lead-free tin strips	QIAODO	
3	Magnetic sheets	$\varnothing 44 \times 0.8$ manganese-zinc hard magnetic sheet	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	High temperature	8mm wide high temperature adhesive paper	CUDAK CO.,LTD	
6	Adhesive backing	$\varnothing 35 \times 0.1$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD

PART NO

TITLE

G44 slotted + adhesive

DRAWN BY

CHECKED BY

APPROVED BY

HE WEI HUA

WEI LI HONG

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	44±1.0	20.5±0.5	0.8±0.05	47±3	3±1.5	2.2MAX			
1	43.87	20.51	0.81	47.6	3.50	1.78			
2	43.89	20.49	0.8	46.5	3.60	1.82			
3	43.91	20.5	0.83	47.2	3.70	1.73			
4	43.98	20.52	0.82	48.1	3.80	1.86			
5	43.97	20.53	0.85	47.9	4.00	1.85			
6									
7									
8									
9									
10									
MAX	43.98	20.53	0.85	48.10	4.00	1.86			
MIN	43.87	20.49	0.80	46.50	3.50	1.73			
AVERAGE	43.92	20.51	0.82	47.46	3.72	1.81			

6.2 ELECTRICAL TEST

TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.4uH ±10%		60mΩ (Max)						
1	6.43		42.00						
2	6.49		42.30						
3	6.42		42.50						
4	6.49		42.10						
5	6.38		42.35						
6									
7									
8									
9									
10									
MAX	6.49		42.50						
MIN	6.38		42.00						
AVERAGE	6.44		42.25						

HRSW ELECTRONICS CO.,LTD

PART NO

TITLE

G44 slotting + adhesive
6.4uH

DRAWN BY

CHECKED BY

APPROVED BY

HE WEI HUA

WEI LI
HONG

WEI LI HONG