

Acknowledgment

ROHS


Customer Name: Fab-Chain Service Co., Ltd.

CUSTOMER P/N: Model: large coil: G44 watch coil model: 6.5u

DESCRIPTION : **DATE:2021/4/12**

SPECIFICATION : Watch coil soft magnetic **REV. NO. : A0**

Hongri Shengwei Technology acknowledges, signs and seals

Department	Confirmation/Date	Reviewed by/Date	Approval/Date	(Official seal of the
Quality	Dong Wanhong 2021-4-12	Lv HuiLv 2021-4-12	Wei Hanman 2021-4-12	
Engineering	He Weihua 2021-4-12	Wei Lihong 2021-4-12	Wei Lihong 2021-4-12	

Remarks:

Remarks:

HRSW ELECTRONICS CO.,LTD

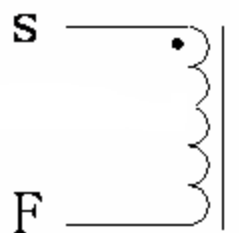
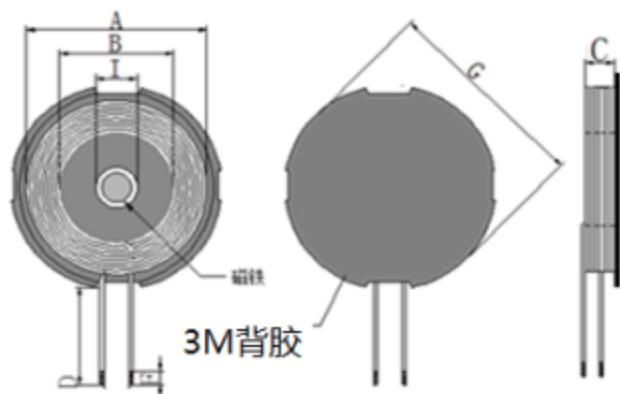
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SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



A	B	C	D	F	G				
20±2	15±0.5	5.0±0.5	10±2	3ref	25REF				

3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	∅ 0.08*24mm 2UEW	11TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	IDC	Q值	HI-POT
TEST	S-F	S-F	S-F		
CON	100KHz, 0.25V	AT 25°C	AT 25°C		
SPEC	6.8uH±10%	30mΩ (Max)	3A		

5. BILF OF MATERIAL :

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Magnetic core	UG25 soft magnetic	NANJINGJINNINGCO,LTD	
2	Magnet	N52 7.5*2	NANJINGJINNINGCO,LTD	
3	Copper wire	∅ 0.08mm*24 2UEW	TAIYI CO.,LTD	
4	Gum backing	25 Single side adhesive	HONGBAOJEICO,LTD	
5	Solder Bar	Solder Bar	QIANDAO CO.,LTD	
6	Glue	9999	CUDAK CO.,LTD	

HRSW ELECTRONICS CO., LTD

PART NO

TITLE

Watch coil soft magnetic

DRAWN BY

CHECKED BY

APPROVED BY

Xie Chao

He Weihua

Wei Lihong

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA

6.1 DIMENSION TEST (UNIT: mm)

TEST ITEM	A	B	C	D	F	G		
	20±2	15±0.5	5.0±0.5	10±2	3ref	25REF		
1	21.5	15.18	4.98	10.02	2.45	25.10		
2	21.6	15.2	4.8	10.3	2.50	25.30		
3	21.6	15.17	4.9	10.9	2.60	25.40		
4	21.3	15.16	5	9.98	2.70	25.06		
5	21.5	15.14	5.01	9.02	3.00	25.07		
MAX	21.60	15.20	5.01	10.90	3.00	25.40		
MIN	21.30	15.14	4.80	9.02	2.45	25.06		
AVERAGE	21.49	15.17	4.93	10.02	2.67	25.19		

6.2 ELECTRICAL TEST

TEST ITEM	L		DCR	IDC		Q	HI-POT	
	S-F		S-F					
TEST COND	100KHz/0.25v		AT 25℃					
SPEC	6.8uH ±10%		30mΩ (Max)					
1	6.82		21.00					
2	6.81		20.00					
3	6.79		21.50					
4	6.80		20.30					
5	6.78		20.40					
6	6.80							
MAX	6.82		21.50					
MIN	6.78		20.00					
AVERAGE	6.80		20.75					

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