

letter of acknowledgment

ROHS

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Runyunteng Technology Co., Ltd

CUSTOMER P/N:

DESCRIPTION : RYT-007

DATE: 2023/7/14

SPECIFICATION : Watch Coil Soft Magnetic-6.8uH-115mm

REV. NO. : A0

Hongrishengwei Technology recognizes the signature and seal

department	confirm	review	approve	stamp
quality	Dong Wanhong	Lu Hui	Wei Hanman	
project	He Weihua	Wei Hong	Wei Hong	

Remark:

Runyunteng Technology recognizes the signature and seal

department	confirm	review	approve	stamp
development project	Yin Baohua	Yin Baohua	Yin Baohua	
purchase				
quality				

Remark:

Shenzhen Hongri Shengwei Technology Co., Ltd.

HRSW ELECTRONICS CO., LTD

ADD: 2nd Floor, Building 1, No. 48, Huanguan Middle Road, Guanlan, Longhua New District, Shenzhen

TEL: 15112254520

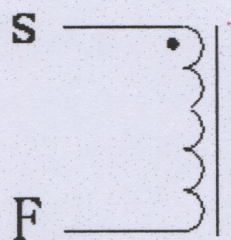
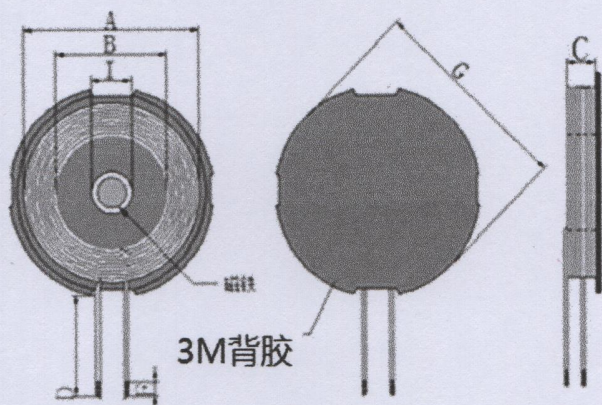
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SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



A	B	C	D	F	G	I			
20±2	14±1	2.8±0.5	115±3	3±1.5	25REF	7.8±0.5			

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±5%	180mΩ (Max)	3A		

5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	magnetic core	UG25 soft magnetic	NANJINGJINNINGCO,LTD	
2	magnet	N52 8*2.45/3200 Gauss	NANJINGJINNINGCO,LTD	
3	copper wire	∅0.08mm*24 2UEW	TAIYI CO.,LTD	
4	Adhesive	18 double-sided adhesive	HONGBAOJEICO,LTD	
5	Lead-free solder bar	Lead-free solder bar	QIANDAO CO.,LTD	
6	glue	9999	CUDAK CO.,LTD	

Hongri Shengwei Technology Co.,
Ltd.

PART NO

TITLE

Watch Coil Soft Magnetic-
6.8uH-115mm

DRAWN BY

CHECKED BY

APPROVED BY

He Weihua

Wei Lihong

Wei Lihong

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA

6. 1 DIMENSION TEST (UNIT: mm)

TEST ITEM	A	B	C	D	F	G	I		
	20±2	14±1	2.8±0.5	115±3	3±1.5	25 Ref	7.8±0.5		
1	21.5	14.5	2.85	112	2.45	25.10	7.81		
2	20.6	14.68	2.86	117	3.80	23.77	7.86		
3	20.8	14.71	2.79	115.2	3.60	24.05	7.82		
4	21.3	14.38	2.89	114	2.70	25.06	7.89		
5	21.5	14.62	2.91	113	3.60	25.08	7.87		
MAX	21.50	14.71	2.91	117.00	3.80	25.10	7.89		
MIN	20.60	14.38	2.79	112.00	2.45	23.77	7.81		
AVERAGE	21.11	14.57	2.86	114.31	3.20	24.61	7.85		

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	6.8uH±5%	180mΩ (Max)			
1	6.87	152.0			
2	6.75	149.0			
3	6.79	150.0			
4	6.80	148.0			
5	6.81	152.0			
6					
MAX	6.87	152.0			
MIN	6.75	148.0			
AVERAGE	6.80	150.2			

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Watch Coil Soft Magnetic-6.8uH-
115mm

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