

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

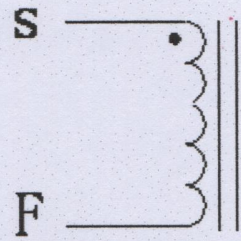
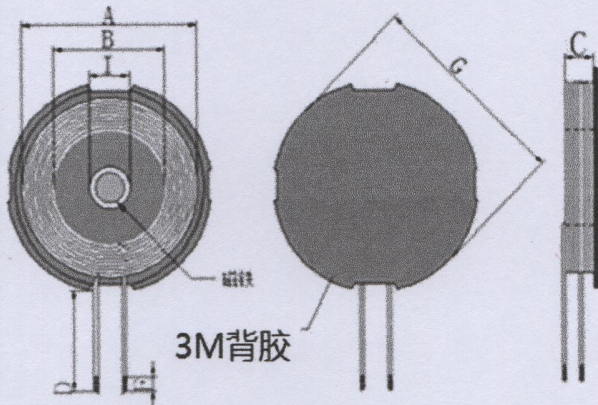
FAX: +86-0755-28015170

page: 1/3

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	ø0.08*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	ø0.08mm*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. 1DIMENSION 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. 2ELECTRICAL TEST

TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
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						

Hongri Shengwei Technology Co., Ltd.

PART NO

Watch Coil Soft Magnetic-6.8uH-
115mm

DRAWN BY

CHECKED BY

APPROVED BY

He Weihua

Wei Lihong

Wei Lihong