

# Acknowledgement

ROHS

客户名称 (CUSTOMER): SHENZHEN GTL TECHNOLOGY CO., LTD

客户料号 (CUSTOMER P/N):


品名 (DESCRIPTION):

DATE:2022-6-9

规格 (SPECIFICATION): Watch coil soft magnetic

REV. NO. :A0

Hongrishengwei technology Acknowledgement, signature and seal

Department	Appoval/Date	Reviewed by/Date	Approval/Date	(Official seal of the
QC	Dong xiaohong 2022-6-9	lv Hui2022-6-9	Wei hanan 2022-6-9	
QC	He weihua 2022-6-9	Wei lihong 2022-6-9	Wei lihong 2022-6-9	

Remark:

GTL Technolgoy Acknowledgement, signature and seal

Department	Appoval/Date	Reviewed by/Date	Approval/Date	(Official seal of the
Development Engineering				
Purchase				
QC				

Remark :

Shenzhen Hongrishengwei Technology Co., Ltd

HRSW ELECTRONICS CO.,LTD

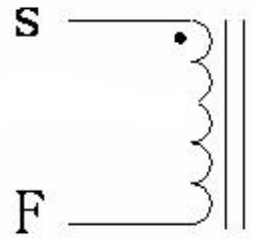
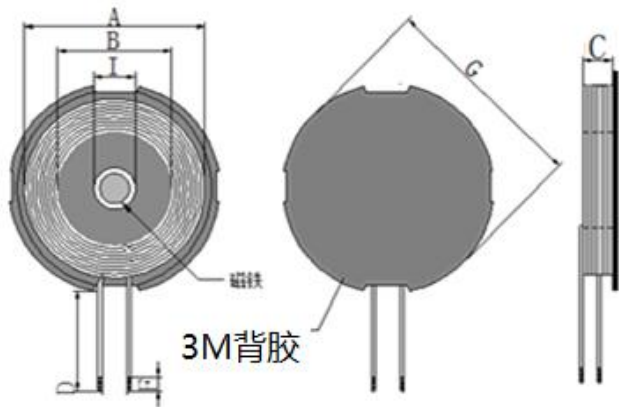
ADD: Floor 2, Building 1, No. 48 Huanguan Middle Road,  
Guanlan, Longhua New District, Shenzhen

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

# SPECIFICATION FOR APPROVAL

## 1. MECHANICAL DIMENSION (UNIT:mm)

## 2. SCHEMATICS:



A	B	C	D	F	G	I			
20±2	15±1	2.8±0.5	30±2	4±2	25REF	7.8±0.5			

## 3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	∅ 0.08*24mm 2UEW	12TS (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	8.1uH±10%	40mΩ (Max)	3A		

## 5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Magnetic core	UG25 Soft magnetism	NANJINGJINNINGCO,LTD	
2	Magnet	N52 7.5*2.45/3200 gose	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	
7	Max gain	0 DBi		

Shen Hongrishengwei Technology Co.	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	I		
	20±2	15±1	2.8±0.5	30±2	4±2	25REF	7.8±0.5		
1	21.5	14.5	2.85	31	2.45	25.10	7.81		
2	20.6	14.68	2.86	30	3.80	23.77	7.86		
3	20.8	14.71	2.79	31.5	3.60	24.05	7.82		
4	21.3	14.38	2.89	32	2.70	25.06	7.89		
5	21.5	14.62	2.91	30.21	3.60	25.08	7.87		
MAX	21.50	14.71	2.91	32.00	3.80	25.10	7.89		
MIN	20.60	14.38	2.79	30.00	2.45	23.77	7.81		
AVERAGE	21.11	14.57	2.86	30.96	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	8.1uH±10%	40mΩ (Max)			
1	8.10	21.00			
2	7.96	20.00			
3	8.06	21.50			
4	8.04	20.30			
5	8.09	20.40			
6					
MAX	8.10	21.50			
MIN	7.96	20.00			
AVERAGE	8.05	20.75			

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