

Acknowledgement

SPECIFICATION FOR APPROVAL

Customer Name (CUSTOMER): SHEN ZHEN GTL TECHNOLOGY CO., LTD

Customer Part Number (CUSTOMER P/N): 1.11.03.00853201

Product Name (DESCRIPTION): Watch Coil

SPECIFICATION: Watch coil – 5.3 UH/0.08 mm × 24 turns (hot-air winding)/Magnet – 7.8 × 2.45 mm / 3200 Gauss

Output: 8 mm + 60 pieces of 0.08 mm enameled wire (30 strands) + 8 mm black insulation sleeve; total output length: 65 mm

Date (DATE): 2026/7/14

Remarks:



SHEN ZHEN GTL TECHNOLOGY CO., LTD. – Acknowledgment, Signature and Seal

Department	Confirm/Date	Review/Date	Approval/Date	(Company Official Seal)
Development engineering				
Purchase				
Quality				

Remarks:

HRSW ELECTRONICS CO.,LTD

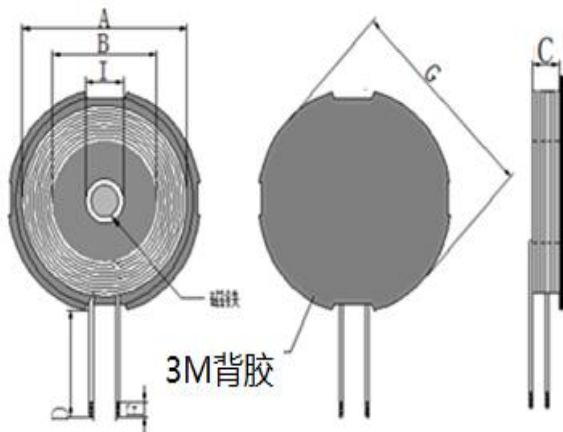
Address: 2nd Floor, Building 1, No.48 Huanguan Middle Road, Guanlan, Longhua New District, Shenzhen

TEL: 15112254520 / 13682412162

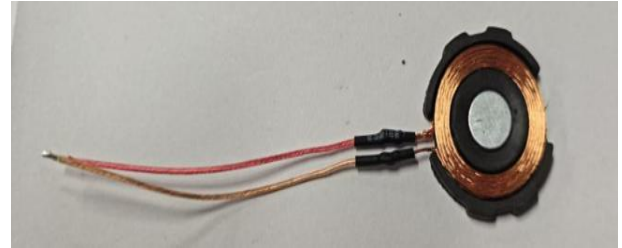
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1. Structural Diagram – MECHANICAL DIMENSIONS (UNIT: mm)



The physical item is shown in the figure:

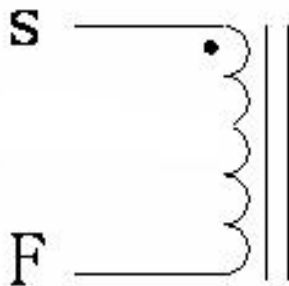


Remarks:

1. Add a 7.8×2.45 cm magnet (3200 Gauss) in the middle.
2. Wiring: 8 mm thick wire + 60 mm enameled electronic wire (0.08*30)
3. Welded joint – 8 mm sleeve

A	B	C	D	G	I	F	
20 ± 2	14 ± 1	2.5 ± 0.07	65 ± 3	25 ± 0.5	2.5MAX	4 ± 2	

2. Schematic Diagrams:



START WINDING

3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot air hose – 0.08*24 2UEW	11TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Working temperature	HI-POT
TEST	Coil with magnetic core	S-F		At room temperature	
COND	100KHz, 0.25V	AT 25°C		At room temperature	
SPEC	5.3uH $\pm$ 5%	115m Ω Max		-10°C-80°C	

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Hot air hose – 0.08*24 strands	Hot air hose – 0.08*24 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	25 mm magnetic disk with L-shaped slot	TAIYI CO.,LTD	
4	Glue	Includes white glue	LIANCHENG CO.,LTD	
5	High-temperature adhesive tape	Lead-free tin strip	CUDAK CO.,LTD	
6	Backsheet adhesive	Ø 18*0.08	CUDAK CO.,LTD	
7				

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	
DRAWN BY	CHECKED BY		APPROVED BY
He Weihua	Wei Lihong		Wei Lihong