

Acknowledgement

SPECIFICATION FOR APPROVAL

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

Customer Part Number (CUSTOMER P/N): 1.11.01.00879203

Product Name (DESCRIPTION):

DATE: 2026-08-18

Specification: G42.5/0.8 thickness/0.08×100 strands – hot-air winding; additional layer: 20/1.0 thickness/7.9 UH ±10%; wire exit length: 8 mm; welding: 0.07×100
Stocked wire with overlapping welding without additional sleeve; connecting wire length: 65 mm; total coil length: 70 mm

HRSW ELECTRONICS CO., LTD – Acknowledgment, Signing and Sealing

Department	Confirm/Date	Review/Date	Approval/Date	(Company Official Seal)
Quality	Dong Wanhong	Lü Hui	Wei Hanman	
Engineering	He Weihua	Wei Lihong	Wei Lihong	

Remarks:

SHEN ZHEN GTL TECHNOLOGY CO ., LTD Acknowledgment, Approval, and Sealing

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

Remarks:

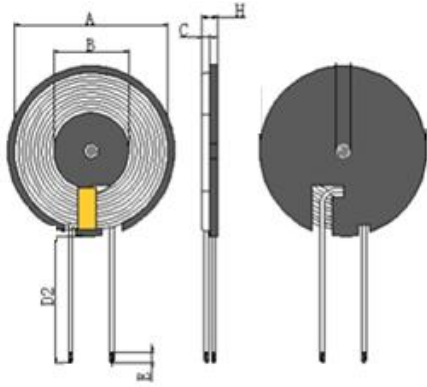
HRSW Electronics Co., Ltd. Address: 2nd Floor, Building 1, No.48 Huanguan Middle Road, Guanlan, Longhua
New District, Shenzhen

TEL: 15112254520/13682412162

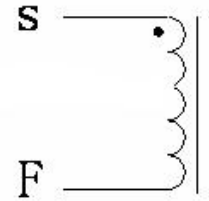
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



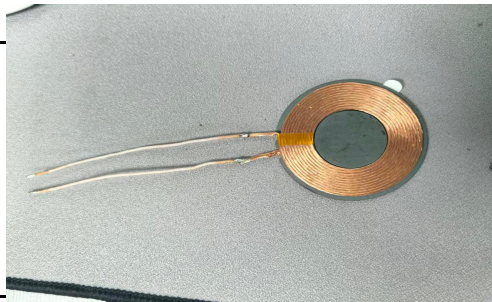
2. SCHEMATICS:



Note: 0.08 × 100-strand hot-air wire winding / 11 turns / with an additional 20/1.0 magnetic sheet; 7.9 uH; output wire diameter: 8 mm; welded with 0.07 × 100-strand wire winding; total length: 70 mm

A	B	C	D2	E	H				I
42.5 ±0.05	20.5±0.5	0.8±0.06	70±3	4±2	2.5MAX				

Physical product images:



3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot-air winding: 0.08*100 + 0.07*100 yarns; Winding diameter: 2UEW	11TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	Temperature		HI-POT
TEST	Coil with magnetic core	S-F	Standard temperature		
CON	100KHz, 0.25V	AT 25℃			
SPEC	7.9 uH±10%	75 mΩ Max	-10+80℃		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk-covered wire	Hot air hose – 0.08 × 100 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	42.5 × 0.8 Manganese-Zinc Hard Magnetic Sheet with L-shaped Slot	TAIYI CO.,LTD	
4	Glue	Huangjiao 9999	LIANCHENG CO.,LTD	
5	High-temperature adhesive tape	7 mm wide high-temperature adhesive tape	CUDAK CO.,LTD	
6	Backsheet adhesive	Ø 41.8*0.1	CUDAK CO.,LTD	
7				

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