

Acknowledgement

SPECIFICATION FOR APPROVAL

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

(CUSTOMER P/N) :1.11.01.03063201

(DESCRIPTION) : Wireless charging coil DATE: 2026-08-21

Specification: G43.5 grooved + adhesive-coated inner hole (13.5 mm), 0.08 × 105 strands 12 laps, 6. 3UH, Length: 35 mm

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

Department	Confirm/Date	Review/Date	Approval/Date	(Company Official Seal)
Quality	Dong Wanhong	Lü Hui	Lin Guangjuan	
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)
Development engineering				
Purchase				
Quality				

Remarks:

HRSW ELECTRONICS CO.,LTD

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

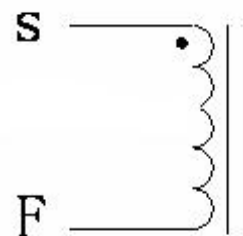
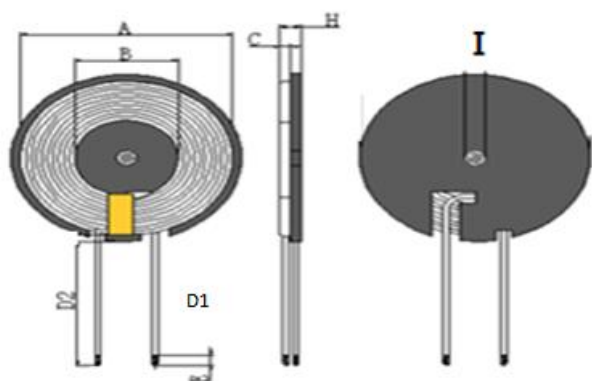
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



1. Coil with magnetic sheet – Magnetic sheet dimensions
43.5 ± 1 mm; thickness: 0.8 ± 0.05 mm – L-line groove.
2. Coil lead-out position: wrap with adhesive tape (1–2 Ts);
3. Apply adhesive tape to the bottom of the magnetic sheet.

A	B	C	D2/D1	E	H	I			I
43.5 ± 1.0	13.5 ± 1.0	0.8 ± 1	35 ± 5	3.5 ± 2MM	2.6MAX	5 ± 0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-coated wire – 0.08 × 105 mm ² – 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Qprice	HI-POT
TEST	Coil with magnetic core	S-F	Single coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	6.3uH ± 10%	60mΩ Max	4.0 uH ± 15%		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk-coated wire: 0.08 × 10 ⁵ strands	Acetone filament wire (0.08 × 10 ⁵ strands)	NANJINGJINNINGCO,LTD	
2	Lead-free tin strip	Lead-free tin strip	QIAODO	
3	Magnetic sheet	43.5 × 0.8 Manganese-Zinc Hard Magnetic Sheet with L-shaped Groove	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 41.5*0.1	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5: Grooving + adhesive-coated inner hole (13.5 mm, 6.3 UH, wire length: 35 mm)
DRAWN BY	CHECKED BY	APPROVED BY	
He Weihua	Wei Lihong	Wei Lihong	