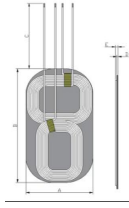


SPECIFICATION FOR APPROVAL

1. MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:

1. Place the magnetic sheet on the coil. The size of the magnetic sheet is rectangular and elliptical, measuring $83 \times 46 \pm 0.5\text{mm}$, with a thickness of $0.8 \pm 0.5\text{mm}$. Create an L-shaped slot.
2. Position of the coil outlet
Wrap with adhesive tape 1-2 Ts;
3. The back of the magnetic disk is coated with adhesive.

A	B	C	D	E		
46 ± 0.5	83 ± 0.5	150 ± 5	0.8 ± 5	4.6 ± 1.0		

3. WINDING: 1.1 Bottom printed characters: 10

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	$\varnothing 0.08 \times 105$ 2UEW	9TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L1 - Below	C-L1/DCR	L2-上	C-L2/DCR	
TEST	Coil with magnetic sheet	S-F	Coil with magnetic sheet	S-F	
COND	100KHz, 0.25V	AT 25°C	100KHz, 0.25V	AT 25°C	
SPEC	$6.7\mu\text{H} \pm 10\%$	75 mΩ Max	$6.6\mu\text{H} \pm 10\%$	60 mΩ Max	

5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk braided cable 0.08 * 105	0.08 * 10 ⁵ strands of wire wrapped in a coil	NANJINGJINNINGCO,LTD	
2	Lead-free tin rod	Lead-free tin rod	QIAODO	
3	magnetic sheet	$\varnothing 83 \times 46$ manganese-zinc hard magnetic sheet with L-shaped slot	TAIYI CO.,LTD	
4	Glue	Yellow Glue 999	LIANCHENG CO.,LTD	
5	High-temperature adhesive tape	8mm wide heat-resistant adhesive tape	CUDAK CO.,LTD	
6	Adhesive backing	Add a backing adhesive to the back of the magnetic sheet	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	83*46 double coils, 0.08*105 strands, wire length 150mm
DRAWN BY	CHECKED BY	APPROVED BY	
Weihua He	Lihong Wei	Lihong Wei	

深圳市鸿日昇威科技有限公司

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