

SPECIFICATION FOR APPROVAL

CUSTOMER: **Shenzhen Xiaojiu Technology Co., Ltd**

CUSTOMER P/N: **Z27 coil 2**

DESCRIPTION: **Z27 coil 2**

DATE: **2023-5-29**

SPECIFICATION : **G43.5 slotting+back adhesive 8mm**

REV.NO.: **A0**

Customer signature and seal

	Confirmation/Date	Review/Date	Approved/Date	

Notes:

Seal of H-Wireless

	Confirmation/Date	Review/Date	Approved/Date	

Notes:

Shenzhen H-Wireless Technology Co., Ltd

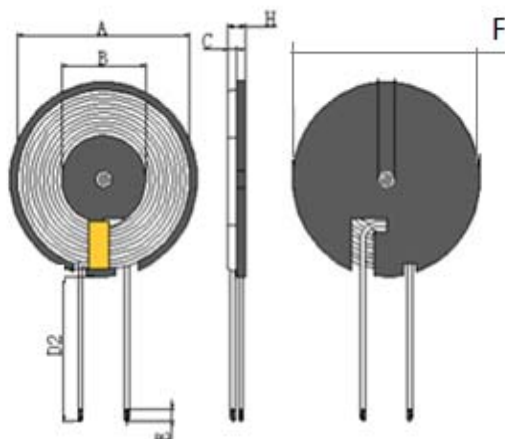
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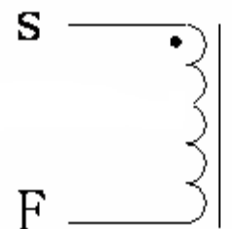
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1. MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Coil mounting magnetic sheet, magnetic sheet size $43.5 \pm 1\text{mm}$ with a thickness of $0.8 \pm 0.05\text{mm}$ Open the L slot.
2. Coil outlet position Wrap adhesive paper 1-2Ts;
3. The bottom of the magnetic separator should be pasted with adhesive backing

A	B	C	D2	E	H	F			
39 ± 2.0	16 ± 0.5	0.8 ± 0.05	8 ± 3	3 ± 1.5	2. 2MAX	43.5 ± 1			

3. WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot air line $\varnothing 0.08 * 24\text{mm} * 2\text{P} 2\text{UEW}$	20TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST COND	Coil and magnetic plate	S-F			
	100KHz, 0.25V	AT 25°C			
SPEC	$6.8\mu\text{H} \pm 10\%$	100mΩ Max			

5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Hot air line	Hot air line 0.08 * 24 strands	NANJINGJINNINGCO,LTD	
2	Solder Bar	Solder Bar	QIAODO	
3	Magnetic sheet	$\varnothing 44 * 0.8$ manganese zinc hard magnetic sheet with L slot	TAIYI CO.,LTD	
4	Glue	Yellow glue 9999	LIANCHENG CO.,LTD	
5	High-temperature adhesive paper	7mm wide high-temperature adhesive paper	CUDAK CO.,LTD	
6	Adhesive backing	$\varnothing 41.5 * 0.1$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD	PART NO	
	TITLE	G43.5 slotting+back adhesive 8mm
DRAWN BY	CHECKED BY	APPROVED BY

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6. 1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	E	H	F		
SPEC	39±1.0	20.5±0.5	0.8±0.05	8±3	3±1.5	2.2MAX	43.5±1.0		
1	38.5	20.51	0.81	8	3.50	1.75	43.52		
2	38.6	20.53	0.8	7.9	3.60	1.70	43.6		
3	39.2	20.51	0.83	8.02	3.70	1.78	43.48		
4	38.9	20.49	0.82	7.6	3.80	1.79	43.46		
5	38.7	20.5	0.85	7.8	4.00	1.76	43.52		
6									
7									
8									
9									
10									
MAX	39.20	20.53	0.85	8.02	4.00	1.79	43.60		
MIN	38.50	20.49	0.80	7.60	3.50	1.70	43.46		
AVERAGE	38.78	20.51	0.82	7.86	3.72	1.76	43.52		
6. 2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25°C						
SPEC	6.8uH ±10%		100mΩ (Max)						
1	6.85		72.00						
2	6.78		73.00						
3	6.79		72.50						
4	6.82		72.90						
5	6.81		72.40						
6									
7									
8									
9									
10									
MAX	6.85		73.00						
MIN	6.78		72.00						
AVERAGE	6.81		72.56						
HRSW ELECTRONICS CO., LTD					PART NO				
					TITLE		G43.5 slotting+back adhesive 8mm		
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