

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Tengsay Technology Co., Ltd

CUSTOMER P/N:

DESCRIPTION: DATE: May 14, 2025

SPECIFICATION : G43.5 slotting / 0.5 thickness + adhesive
backing. Lead wire 40mm

REV. NO. :A0

HRSW ELECTRONICS CO.,LTD

Acknowledge signature, verification and stamping

departmen t	affirm/Date	audit/Date	ratify/Date	(cover the company's official seal)
quality	Dong wanhong Dec. 16, 2024	Lv hui Dec. 16, 2024	Wei hanman Dec. 16, 2024	
project	He weihua Dec. 16, 2024	Wei lihong Dec. 16, 2024	Wei lihong Dec. 16, 2024	

Note:

Shenzhen Tengsay Technology Co., Ltd

Acknowledge signature, verification and stamping

departmen t	affirm/Date	audit/Date	ratify/Date	(cover the company's official seal)
development engineering				
purchase				
quality				

Note:

HRSW ELECTRONICS CO., LTD

ADD: No. 2, 2nd Floor, Building 1, Guanwan Ring Guan Middle Road, Longhua New District,
Shenzhen City

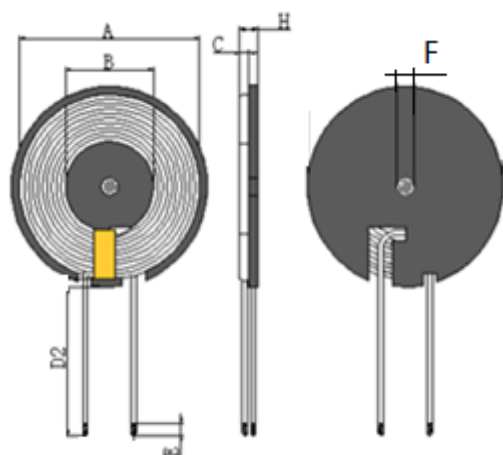
TEL: +86-755-23461055

FAX: +86-0755-28015170

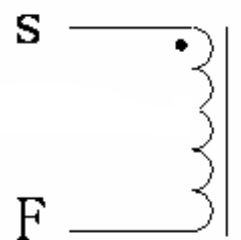
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



A	B	C	D2	E	H	F
43.5±1.0	20.5±0.5	0.5±0.05	12±3	4±2	2.0Max	5.0±0.5

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Hot air line:ø0.08*24mm *2P 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST	Coil with magnetic sheet	S-F			
CON	100KHz, 0.25V	AT 25°C			
SPEC	6.8uH±10%	70mΩ 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	ECO SOLDER BAR	ECO SOLDER BAR	QIAODO	
3	magnetic sheet	ø43.5*0.5*8.0 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	

HRSW ELECTRONICS CO.,LTD	PART NO	
	TITLE	G43.5 slotting / 0.6mm thickness + adhesive backing / lead wire 40mm
DRAWN BY	CHECKED BY	APPROVED BY
He weihua	Wei lihong	Wei lihong

SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6.1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D	E	H	F		
SPEC	43.5±1.0	20.5±0.5	0.6±0.05	40±3	4±2	2.0Max	5.0±0.5		
1	43.87	20.51	0.61	41	3.50	1.60	5.01		
2	43.35	20.53	0.62	40	3.60	1.50	5.03		
3	43.46	20.54	0.59	41.5	3.70	1.62	4.99		
4	43.32	20.53	0.6	40.6	3.80	1.70	4.98		
5	43.97	20.52	0.6	41	4.00	1.82	5		
6									
7									
8									
9									
10									
MAX	43.97	20.54	0.62	41.50	4.00	1.82	5.03		
MIN	43.32	20.54	0.59	40.00	3.50	1.50	4.98		
AVERAGE	43.59	20.53	0.60	40.82	3.72	1.65	5.00		
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25℃						
SPEC	6.8uH±10%		70mΩ(Max)						
1	6.78		48.00						
2	6.81		46.00						
3	6.79		47.00						
4	6.82		47.90						
5	6.83		46.80						
6									
7									
MAX	6.83		47.90						
MIN	6.78		46.00						
AVERAGE	6.81		47.14						
HRSW ELECTRONICS CO.,LTD					PART NO		G43.5 slotting / 0.6mm thickness + adhesive backing / lead wire 40mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
He weihua			Wei lihong				Wei lihong		