

SPECIFICATION FOR APPROVAL

(CUSTOMER) Shenzhen Tengsay Technology Co., Ltd

(CUSTOMER P/N) :

(DESCRIPTION) : DATE:2024-12-16

(SPECIFICATION) : G43.5 slotted/0.6 thick+adhesive backed lead 40mm REV.NO.:A0

Hongrishengwei Technology acknowledges the signature and sea

Depart ment	Confirmation/Date	Review/Date	Approved/date	(stamped with the company seal)
品质	Dong Wanhong2024-12-16	Lv Hui2024-12-16	Wei Hanman2024-12-16	
Engineer ing	He Weihua2024-12-16	Wei Lihong2024-12-16	Wei Lihong2024-12-16	

Note:

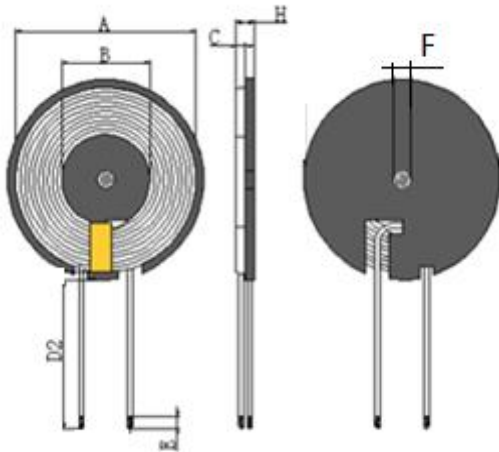
Manufacturer: HRSW ELECTRONICS CO.,LTD

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

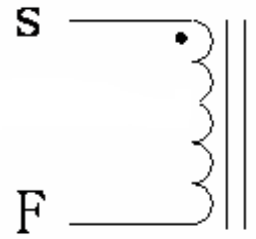
TEL: +86-755-23461055 FAX: +86-0755-28015170

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	0.6±0.05	40±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 $\phi 0.08 \times 24\text{mm}$ *2P 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST	Coil with magnetic plate	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股	NANJINGJINNINGCO,LTD	
2	Solder Bar	Solder Bar	QIAODO	
3	magnetic sheet	$\phi 43.5 \times 0.6 \times 8.0$ Manganese zinc hard magnetic sheet with L groove	TAIYI CO.,LTD	
4	glue	Yellow Glue9999	LIANCHENG CO.,LTD	
5	High temperature adhesive tape	8mm wide high-temperature adhesive paper	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5 slotted/0.6 thick +adhesive backed lead 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 slotted/0.6 thick +adhesive backed lead 40mm		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
He Weihua			Wei Lihong				Wei Lihong		