

承认书

SPECIFICATION FOR APPROVAL

(CUSTOMER): Shenzhen Xingke Micro Technology Co., Ltd

(CUSTOMER P/N) :A19729

(DESCRIPTION) : Magnetic coil DATE:2025-05-16

(SPECIFICATION) : G43.5/49mm REV.NO.:A0

Shenzhen Hongrishengwei Technology Co., Ltd

HRSW ELECTRONICS CO.,LTD

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

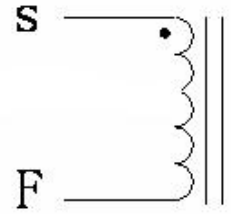
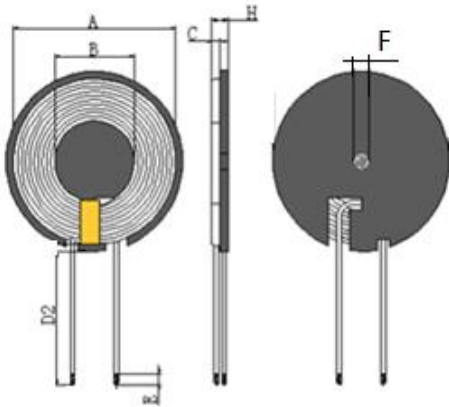
TEL: +86-755-23461055 FAX: +86-0755-28015170

page:1/3

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	49±3	4±2	2.2Max	5.3±0.05

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	热风线Ø 0.08*65mm 2UEW	10TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	Q value	HI-POT
TEST COND	Coil with magnetic plate	S-F	70	
	100KHz, 0.25V	AT 25°C		
SPEC	6.5uH±10%	85mΩ Max		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Hot air line	0.08*65	NANJINGJINNINGCO,LTD	
2	Solder Bar	Solder Bar	QIAODO	
3	disk	Ø 43.5*0.5*5.3	TAIYI CO.,LTD	
4	glue	Yellow Glue9999	LIANCHENG CO.,LTD	
5	High temperature adhesive tape	5mmWide high-temperature adhesive paper	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5 /49mm
DRAWN BY	CHECKED BY	APPROVED BY	
He Weihua	He Weihua	Xuxing	

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	0.5±0.05	49±3	4±2	2. 1Max	5. 3±0. 05		
1	43.87	20.51	0.55	49.5	3. 50	1. 75	5. 31		
2	43.89	20.53	0.53	49.6	3. 60	1. 78	5. 31		
3	43.91	20.51	0.53	50.3	3. 70	1. 76	5. 33		
4	43.98	20.49	0.52	50.6	3. 80	1. 73	5. 32		
5	43.97	20.5	0.50	48.5	4. 00	1. 82	5. 31		
6									
7									
8									
9									
10									
MAX	43. 98	20. 53	0. 55	50. 60	4. 00	1. 82	5. 33		
MIN	43. 87	20. 49	0. 50	48. 50	3. 50	1. 73	5. 31		
AVERAGE	43. 92	20. 51	0. 53	49. 70	3. 72	1. 77	5. 32		
6. 2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0. 25v		AT 25℃						
SPEC	6. 5uH ±10%		68mΩ (Max)						
1	6. 54		42. 00						
2	6. 49		40. 30						
3	6. 38		41. 60						
4	6. 51		42. 03						
5	6. 48		41. 05						
6									
7									
MAX	6. 54		42. 03						
MIN	6. 38		40. 30						
AVERAGE	6. 48		41. 40						
HRSW ELECTRONICS CO., LTD					PART NO				
					TITLE		G43. 5 /49mm		
DRAWN BY			CHECKED BY				APPROVED BY		
He Weihua			HeWeihua				Xuxing		