

SPECIFICATION

SPECIFICATION FOR APPROVAL

(CUSTOMER):

(CUSTOMER P/N) :

(DESCRIPTION) :

DATE: 2021/1/21

(SPECIFICATION) : G44-10MM

REV.NO.:A0

HRSW ELECTRONICS CO.,LTD

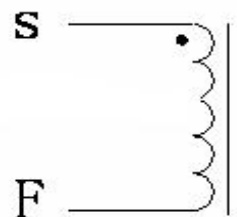
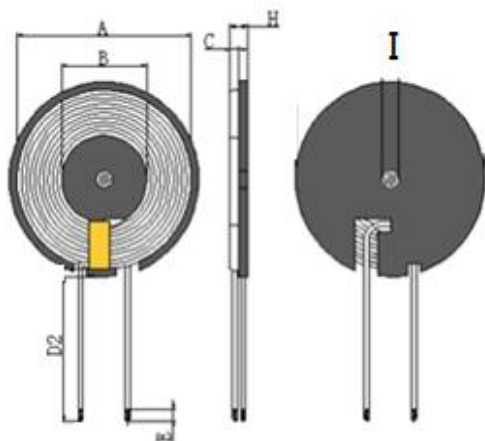
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SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)

2. SCHEMATICS:



A	B	C	D2	E	H	I			I
43.5±1.0	20.5±0.5	0.8±0.1	10±3	3±2	1.7±0.3	5±0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk-covered wire Ø 0.08*24mm*2P 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q value	HI-POT
TEST	Coil with Magnetic sheet	S-F			
COND	100KHz, 0.25V	AT 25℃			
SPEC	6.5uH±10%	110mΩ Max			

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Enameled Wire	0.08*24P	NANJINGJINNINGCO,LTD	
2	Sn	Lead-free Sn	QIAODO	
3	Magnetic Sheet	Ø44*0.6mm L Slot	TAIYI CO.,LTD	
4	Tape	7mm high-temperature adhesive tape	CUDAK CO.,LTD	
5	Adhesive tape	Ø41.5*0.1mm,double faced adhesive tape	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G44-10MM
DRAWN BY	CHECKED BY	APPROVED BY	

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6. SAMPLE TEST DATA									
6. 1DIMENSION TEST (UNIT:mm)									
TEST ITEM	A	B	C	D2	E	H	I		
SPEC	43. 5±1. 0	20.5±0.5	0.6±0.1	10±3	3±2	1. 7±0. 3	5±0. 5		
1	43.51	20.53	0.63	10	3. 50	1. 65	5. 01		
2	43.52	20.54	0.65	12	3. 60	1. 68	5. 02		
3	43.56	20.51	0.6	8.9	3. 70	1. 70	5. 01		
4	43.52	20.52	0.68	9.6	3. 80	1. 59	5. 03		
5	43.58	20.53	0.63	10.02	4. 00	1. 63	5		
6									
7									
8									
9									
10									
MAX	43. 58	20. 54	0. 68	12. 00	4. 00	1. 70	5. 03		
MIN	43. 51	20. 51	0. 60	8. 90	3. 50	1. 59	5. 00		
AVERAGE	43. 54	20. 53	0. 64	10. 10	3. 72	1. 65	5. 01		
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%		110mΩ (Max)						
1	6. 54		78. 00						
2	6. 59		78. 60						
3	6. 58		79. 00						
4	6. 57		78. 00						
5	6. 61		77. 00						
6	6. 49		78. 2						
7									
8									
9									
10									
MAX	6. 61		79. 00						
MIN	6. 49		77. 00						
AVERAGE	6. 56		78. 13						
HRSW ELECTRONICS CO., LTD					PART NO		G44开槽+背胶-10MM		
					TITLE				
DRAWN BY			CHECKED BY				APPROVED BY		
何伟华/Weihua He			韦立红/ Lihong Wei				韦立红/Lihong Wei		