

JIEYUE ELECTRONIC COMPANY LTD.

SPECIFICATION FOR APPROVAL

CUSTOMER : 海陆通
发射线圈/6.6uH/磁片42.5*0.5mm/漆
包铜线0.08*72*10TS/线长35mm/反面
CUSTOMER P/N : 背3M胶/带100K NTC/B值3950/1%
OUR DWG No : 303030-00036
QUANTITY : 5 Pcs. DATE : 2024/4/8
ITEM : **SF043-6R3-10TS**

A/1

SPECIFICATION ACCEPTED BY:	
COMPONENT ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
APPROVED	
REJECTED	

杰越电子有限公司

JIEYUE ELECTRONIC COMPANY LTD.
DIAOLANG ,HUAG JIANG TOWN, DONG GUANG CITY,
GUANG DONG,CHINA.

TEL: 13642845578

FAX: 86-769-83366888

E-mail: polon-zlong@126.com



DRAWN BY	王志山	CHECKED BY	王小蓉	APPROVED BY	朱龙
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REVISION COREST

CUSTOMER:

海陆通

PART NO:

303030-00036

DESCRIPTION:

SF043-6R3-10TS

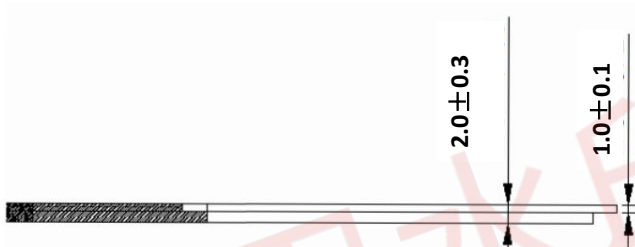
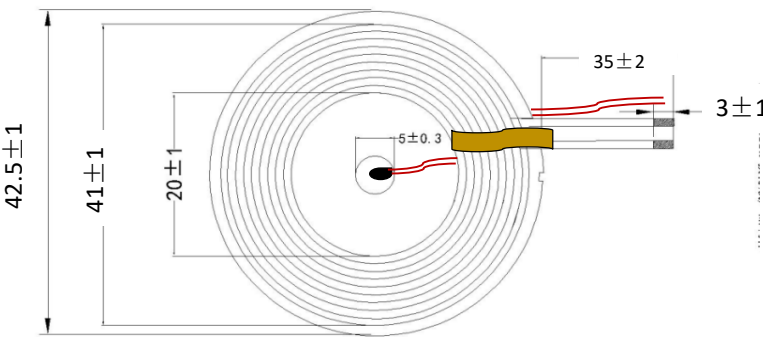
DATE:

2024/4/8

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JIEYUE ELECTRONIC COMPANY LTD.

SPECIFICATION FOR APPROVAL

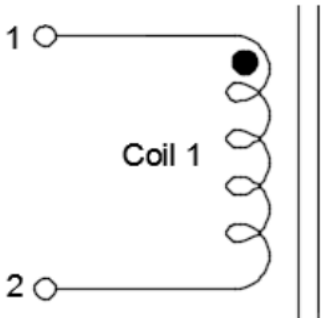
CUSTOMER	海陆通	PART NO	303030-00036	PAGE	1/6
DATE	2024/4/8	DESCRIPTION	SF043-6R3-10TS	TYPE	
发射线圈 /6.6uH/磁片  NTC为得路提供： 303012-00009 ROHS热敏电阻100K/NTC/B=3950/漆泡线/线长60mm/ 线径0.28mm/+1%					
DRAWN BY	CHECKED BY	APPROVED BY	ISSUE NO.		
王小蓉	朱龙	朱龙	DRAW NO.	A/0	
			TYPE		

SPECIFICATION FOR APPROVAL

CUSTOMER	海陆通	PART NO	303030-00036	PAGE	2/6
DATE	2024/4/8	DESCRIPTION	SF043-6R3-10TS	TAPE	

2. SCHEMATIC:(線路圖)

3.WINDING:(剖面圖)



4.WINDING TABLE:(繞線結構)

Winding No (組別)	PIN (腳位)	Wire&Wire Copper (線徑*股數)	Tuns (圈數)	WIRE	Winding Tape (繞線方式)	Mylar Tape (膠帶層次)
N1	1-2	2UEW 0.08 ϕ *72P*1C	10Ts	漆包线	逆时针密绕	5mm REF
DRAWN BY	CHECKED BY	APPROVED BY			ISSUE NO.	
王小蓉	朱龙	朱龙			DRAW NO.	A/0
					TYPE	

SPECIFICATION FOR APPROVAL

CUSTOMER	海陆通	PART NO	303030-00036	PAGE	3/6	
DATE	2024/4/8	DESCRIPTION	SF043-6R3-10TS	TAPE		
5.ELECTRICAL CHARACTERISTIC:(電器特性)						
TEST CONDITION:TEMPERATURE AT 25°C						
HUMIDITY AT 65±5%RH						
TEST ITEM (測試項目)		TEST CONDITION (測試條件)		RESULT (條件範圍值)		
INDUCTANCE (電感) 測試儀器: CH3250		@1KHz,0.25V PIN(1-2)		6.3uH ±10%		
Q (品质因数) 測試儀器: CH3250		@100KHz,1.0V PIN(1-2)		5 MIN		
DCR (直流电阻)		PIN(1-2)		100 mΩ MAX		
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王小蓉	朱龙		朱龙		DRAW NO.	A/0
					TYPE	

SPECIFICATION FOR APPROVAL

CUSTOMER	海陆通	PART NO	303030-00036	PAGE	4/7
DATE	2024/4/8	DESCRIPTION	SF043-6R3-10TS	PART NO	
6.MATERIAL LIST: 发射线圈 /6.6uH/磁片					
NAME	MATERIAL	SUPPLIER OR MANUFACTURER		UL FILE NO	
Insolation System	CLASS B (130)	JIE YUE ELECTRONIC CO LTD			
CORE	5*0.5*42.5	TAK ENTERPRISE CO.,LTD			
WIRE	UEW/U@	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD		E201757	
TAPE	CT-280B	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD		E165111	
VARNISH	BC-346A	JOHN C DOLPH CO		E317427	
FLUX	XD-601	SHENZHEN EASTLIGHT CHEMICAL MATERIAL CO.,LTD			
SOLDER	Sn-Cu4.3	DONGGUAN CITY YUE CHENG TIN CO.,LTD			
DRAWN BY	CHECKED BY	APPROVED BY		ISSUE NO.	
王小蓉	朱龙	朱龙		DRAW NO.	A/0
				TYPE	

规格承认书

SPECIFICATION FOR APPROVAL

客户名称

Customer: 杰越

产品描述

Product Description: NTC热敏电阻

产品型号

Product type: MF52B-104F3950FL60

产品规格

Product specification: NTC热敏电阻 100K3950 1% L=60mm

料号

Product No. 303012-00009 (线长由70MM改为60MM)

客户承认栏位	检验	审核	批准
Customer Approved	Inspection	Checked	Approved
DATE:			
供应商承认	检验	审核	批准
Supplier Approved	Inspection	Checked	Approved
	简小冬	张立强	林月燕
DATE:	2024/5/13		

深圳市得路电子有限公司

邱小姐 181 2864 5138 delu2006@163.com

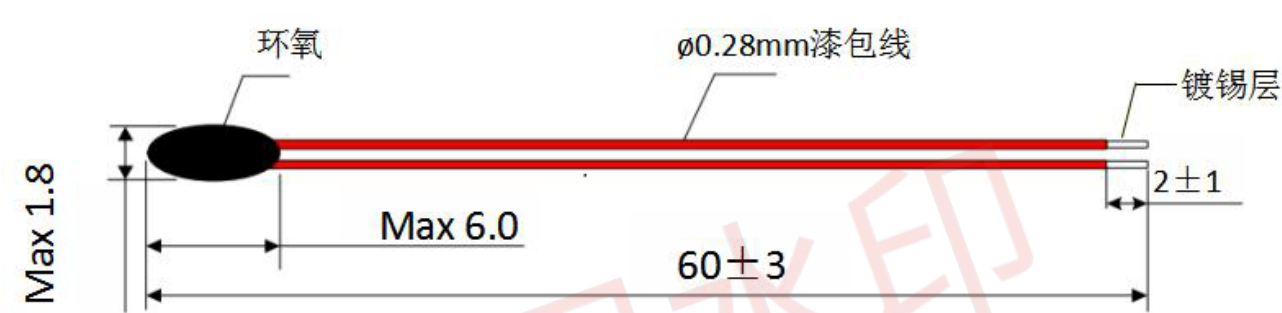
1、总论 (Scope)

本产品包括产品外形尺寸、性能及出厂检验标准，产品型号、规格。
This specification deals with shape ,dimensions, characteristics, inspection standard etc.

2、 说明 (Specifications)

MF52B-104F3950FL60					
NTC Thermistor	Resistance value			B value	
	R25	100K	1%	B25/50	3950 1%

3、 外形尺寸 (Shape and dimension) (Unit: mm)



4、 电性能 (Electrical characteristics)

	Item 项目	Symbol 符号	Test Condition 测试条件	Min. 最小值	Nor. 正常值	Max. 最大值	Unit 单位
a	Resistance at 25°C 25°C 电阻值	R25	25±0.05°C	99	100.0	101	kΩ
b	Bvalue B 值	B25/50	$B = \left(\frac{1}{T_1} - \frac{1}{T_2} \right) \ln \frac{RT_1}{RT_2}$	3910.5	3950	3989.5	k
c	Insulation resistance 绝缘电阻	/	500VDC	50	/	/	MΩ
d	Thermal time constant 热时间常数	τ	in still air 静止空气中	/	/	2.0	sec
e	Thermal dissipation constant 热耗散系数	δ	in still air 静止空气中	2.0	/	/	mw/°C
f	Operating temperature range 使用温度范围	/	/	-30	/	120	°C

5、出厂检验（Outgoing Inspection）

5.1 The product shall be inspected at every delivery lot inspection items, sampling quantities and sampling acceptable standard are as follows. 产品批量出厂前必须进行如下项目抽检，抽样数及标准如下：

Inspection Item 检验项目	Sampling acceptable Standard 抽样合格标准	Remarks 备注
Resistance value 电阻值	N=20,Ac=0,Re=1	4(a)
B value B 值	N=10,Ac=0,Re=1	4(b)
Insulation Resistance 绝缘电阻	N=5,Ac=0,Re=1	4(c)
Shape & dimensions 外形尺寸	N=5,Ac=0,Re=1	3
Appearance 外观	N=5,Ac=0,Re=1	3

5.2 检验数据 Inspection data

检验数据必须留以备索（Inspecteon data will be issued for pay upon request.）

6、包装方式（packing）

包装方式必须保证在运输过程中避免伤及污染。

Pacding shall be done not to cause damage or soil during delivry.

7. R/T 表

TEMPERATURE VS RESISTANCE TABLE

Resistance 100k Ohms at 25deg. C

Resistance Tolerance + / - 1%

B Value 3950K at 25/50deg. C

B Value Tolerance + / - 1%

Temp. (deg. C)	Rmax (k Ohms)	Rnor (k Ohms)	Rmin (k Ohms)
-30	1858.6927	1787.9797	1719.7849
-29	1744.9370	1679.6017	1616.5510
-28	1638.8912	1578.5061	1520.1940
-27	1539.9847	1484.1584	1430.2129
-26	1447.6929	1396.0662	1346.1459
-25	1361.5315	1313.7754	1267.5675
-24	1281.0560	1236.8685	1194.0856
-23	1205.8561	1164.9598	1125.3381
-22	1135.5532	1097.6941	1060.9911
-21	1069.7992	1034.7432	1000.7358
-20	1008.2715	975.8038	944.2871
-19	950.6732	920.5962	891.3817
-18	896.7294	868.8615	841.7754
-17	846.1864	820.3603	795.2428
-16	798.8093	774.8710	751.5750
-15	754.3810	732.1889	710.5786
-14	712.7005	692.1238	672.0741
-13	673.5814	654.4999	635.8954
-12	636.8513	619.1540	601.8883
-11	602.3502	585.9346	569.9095
-10	569.9298	554.7016	539.8262
-9	539.4526	525.3245	511.5153
-8	510.7906	497.6821	484.8615
-7	483.8254	471.6621	459.7586
-6	458.4467	447.1599	436.1073
-5	434.5519	424.0781	413.8153
-4	412.0460	402.3264	392.7968
-3	390.8401	381.8204	372.9716
-2	370.8519	362.4818	354.2653
-1	352.0045	344.2375	336.6083
0	334.2264	327.0195	319.9360
1	317.4508	310.7640	304.1877
2	301.6157	295.4121	289.3072
3	286.6631	280.9084	275.2418
4	272.5389	267.2014	261.9423
5	259.1926	254.2428	249.3626
6	246.5770	241.9877	237.4601
7	234.6482	230.3940	226.1943
8	223.3650	219.4224	215.5278
9	212.6890	209.0361	205.4255
10	202.5840	199.2007	195.8544
11	193.0167	189.8841	186.7836
12	183.9552	181.0559	178.1844
13	175.3704	172.6881	170.0298
14	167.2345	164.7540	162.2942
15	159.5216	157.2290	154.9539
16	152.2075	150.0898	147.9867
17	145.2694	143.3144	141.3716

18	138.6861	136.8825	135.0889
19	132.4375	130.7749	129.1202
20	126.5049	124.9734	123.4482
21	120.8705	119.4612	118.0564
22	115.5180	114.2223	112.9298
23	110.4316	109.2417	108.0537
24	105.5969	104.5053	103.4147
25	101.0000	100.0000	99.0000
26	96.7127	95.7132	94.7146
27	92.6306	91.6333	90.6378
28	88.7426	87.7492	86.7583
29	85.0386	84.0505	83.0655
30	81.5090	80.5274	79.5497
31	78.1446	77.1707	76.2012
32	74.9370	73.9717	73.0115
33	71.8779	70.9222	69.9721
34	68.9598	68.0144	67.0752
35	66.1755	65.2411	64.3134
36	63.5182	62.5954	61.6798
37	60.9814	60.0707	59.1677
38	58.5591	57.6610	56.7710
39	56.2456	55.3604	54.4837
40	54.0355	53.1635	52.3004
41	51.9235	51.0651	50.2158
42	49.9049	49.0602	48.2250
43	47.9752	47.1443	46.3232
44	46.1298	45.3130	44.5062
45	44.3649	43.5621	42.7696
46	42.6764	41.8878	41.1096
47	41.0607	40.2862	39.5224
48	39.5143	38.7539	38.0044
49	38.0339	37.2876	36.5524
50	36.6163	35.8842	35.1631
51	35.2587	34.5405	33.8335
52	33.9582	33.2538	32.5608
53	32.7121	32.0214	31.3423
54	31.5178	30.8408	30.1754
55	30.3731	29.7096	29.0576
56	29.2755	28.6253	27.9868
57	28.2230	27.5860	26.9607
58	27.2135	26.5895	25.9772
59	26.2450	25.6338	25.0343
60	25.3156	24.7171	24.1303
61	24.4237	23.8376	23.2633
62	23.5675	22.9937	22.4315
63	22.7454	22.1836	21.6336
64	21.9560	21.4061	20.8678
65	21.1977	20.6594	20.1328
66	20.4692	19.9424	19.4272
67	19.7693	19.2537	18.7497
68	19.0966	18.5920	18.0990
69	18.4499	17.9562	17.4740
70	17.8282	17.3452	16.8735
71	17.2304	16.7578	16.2965
72	16.6554	16.1930	15.7419
73	16.1023	15.6499	15.2087

74	15.5702	15.1276	14.6961
75	15.0581	14.6251	14.2032
76	14.5652	14.1417	13.7291
77	14.0907	13.6764	13.2729
78	13.6339	13.2286	12.8341
79	13.1940	12.7976	12.4118
80	12.7703	12.3825	12.0053
81	12.3622	11.9828	11.6139
82	11.9689	11.5978	11.2372
83	11.5900	11.2270	10.8743
84	11.2247	10.8697	10.5248
85	10.8727	10.5254	10.1881
86	10.5332	10.1935	9.8637
87	10.2059	9.8736	9.5511
88	9.8902	9.5652	9.2499
89	9.5858	9.2678	8.9594
90	9.2920	8.9809	8.6794
91	9.0085	8.7042	8.4094
92	8.7350	8.4373	8.1489
93	8.4710	8.1797	7.8977
94	8.2161	7.9312	7.6554
95	7.9700	7.6912	7.4215
96	7.7324	7.4596	7.1958
97	7.5029	7.2360	6.9780
98	7.2812	7.0201	6.7677
99	7.0670	6.8115	6.5647
100	6.8601	6.6101	6.3686
101	6.6601	6.4155	6.1793
102	6.4668	6.2274	5.9964
103	6.2799	6.0457	5.8197
104	6.0993	5.8701	5.6489
105	5.9246	5.7003	5.4839
106	5.7557	5.5362	5.3245
107	5.5923	5.3775	5.1703
108	5.4343	5.2240	5.0213
109	5.2814	5.0755	4.8772
110	5.1334	4.9319	4.7379
111	4.9903	4.7930	4.6031
112	4.8517	4.6586	4.4727
113	4.7175	4.5285	4.3466
114	4.5877	4.4026	4.2245
115	4.4619	4.2807	4.1064
116	4.3401	4.1627	3.9921
117	4.2222	4.0484	3.8815
118	4.1079	3.9378	3.7743
119	3.9972	3.8306	3.6706
120	3.8900	3.7268	3.5702