规格承认书

APPROVAL SHEET

客户名称：

CUSTOMER _____

产品名称：

PART NAME NTC 热敏电阻

产品规格：

PART NUMBER MF52D502F3470L50

日期：

DATE _____

确　认

CONFIRM

客户	供货商/制造商
品保部：_____	制作：林丹娜
制造部：_____	审核：胡晓
工程部：_____	核准：_____

NTC 热敏电阻规格书

型号：**MF52D502F3470L50**

一：产品型号说明

MF	52D	502	F	3470	L50
①	②	③	④	⑤	⑥

① MF ——环氧封装热敏电阻。

② 52D ——PVC 引线

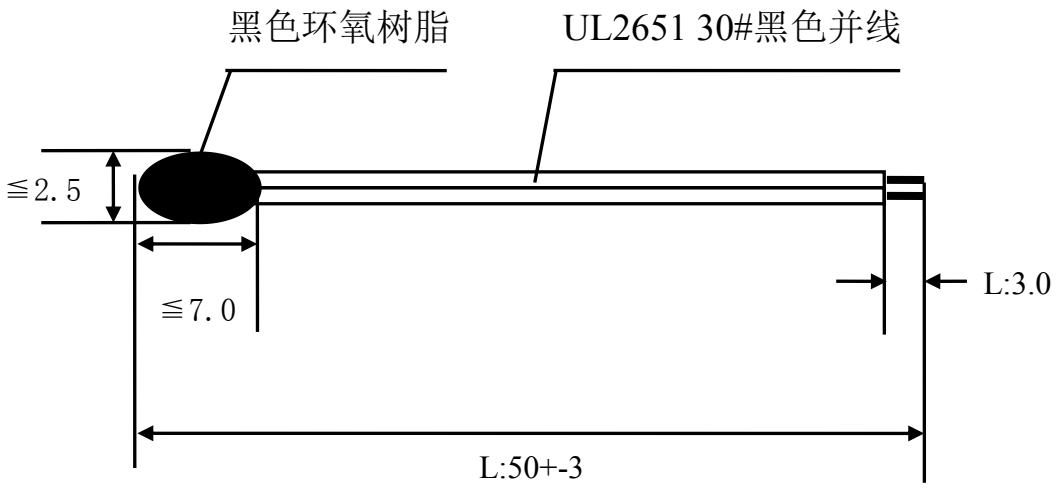
③ 零功率电阻值 R_{25}（KΩ）：5KΩ

④ F 电阻值误差为：F=±1%

⑤ B 值常数 3470K

⑥ 线材长度总长 **50MM**

二：外形结构及尺寸单位：（mm）



三： 主要技术参数

4.1）标称零功率电阻值 R_{25}（KΩ）： 5±1%

4.2）$B_{25/50}$ 值（K）： 3470±1%

4.3）耗散系数（mW/℃）： ≥2.2

4.4）热时间常数（S）： ≤15

4.5）工作温度（℃）： -25~+125

4.6）额定功率（mW） 150

四：电阻-温度特性表

温度(℃)	电阻(Ω)	温度(℃)	电阻(Ω)

	最小值	中心值	最大值		最小值	中心值	最大值
-55	255049.740	257626.000	260202.260	36	3280.820	3313.960	3347.100
-54	241161.030	243597.000	246032.970	37	3164.486	3196.450	3228.415
-53	227980.170	230283.000	232585.830	38	3052.903	3083.740	3114.577
-52	215481.420	217658.000	219834.580	39	2945.844	2975.600	3005.356
-51	203638.050	205695.000	207751.950	40	2843.112	2871.830	2900.548
-50	192424.320	194368.000	196311.680	41	2744.488	2772.210	2799.932
-49	181813.500	183650.000	185486.500	42	2649.814	2676.580	2703.346
-48	171779.850	173515.000	175250.150	43	2558.883	2584.730	2610.577
-47	162295.650	163935.000	165574.350	44	2471.545	2496.510	2521.475
-46	153336.150	154885.000	156433.850	45	2387.633	2411.750	2435.868
-45	144874.620	146338.000	147801.380	46	2306.997	2330.300	2353.603
-44	136887.300	138270.000	139652.700	47	2229.490	2252.010	2274.530
-43	129349.440	130656.000	131962.560	48	2154.973	2176.740	2198.507
-42	122237.280	123472.000	124706.720	49	2083.307	2104.350	2125.394
-41	115530.030	116697.000	117863.970	50	2011.680	2032.000	2052.320
-40	109203.930	110307.000	111410.070	51	1948.082	1967.760	1987.438
-39	103239.180	104282.000	105324.820	52	1884.287	1903.320	1922.353
-38	97615.980	98602.000	99588.020	53	1822.877	1841.290	1859.703
-37	92314.728	93247.200	94179.672	54	1763.764	1781.580	1799.396
-36	87317.604	88199.600	89081.596	55	1706.859	1724.100	1741.341
-35	82607.382	83441.800	84276.218	56	1652.043	1668.730	1685.417
-34	78167.529	78957.100	79746.671	57	1599.256	1615.410	1631.564
-33	73982.502	74729.800	75477.098	58	1548.390	1564.030	1579.670
-32	70037.649	70745.100	71452.551	59	1499.385	1514.530	1529.675
-31	66318.912	66988.800	67658.688	60	1452.142	1466.810	1481.478
-30	62813.124	63447.600	64082.076	61	1406.612	1420.820	1435.028
-29	59507.811	60108.900	60709.989	62	1362.705	1376.470	1390.235
-28	56390.994	56960.600	57530.206	63	1320.373	1333.710	1347.047
-27	53451.783	53991.700	54531.617	64	1279.535	1292.460	1305.385
-26	50679.585	51191.500	51703.415	65	1240.143	1252.670	1265.197
-25	48064.500	48550.000	49035.500	66	1202.137	1214.280	1226.423
-24	45597.123	46057.700	46518.277	67	1165.458	1177.230	1189.002
-23	43268.940	43706.000	44143.060	68	1130.055	1141.470	1152.885
-22	41071.536	41486.400	41901.264	69	1095.881	1106.950	1118.020
-21	38997.090	39391.000	39784.910	70	1062.874	1073.610	1084.346
-20	37038.474	37412.600	37786.726	71	1031.006	1041.420	1051.834
-19	35188.758	35544.200	35899.642	72	1000.227	1010.330	1020.433
-18	33441.408	33779.200	34116.992	73	970.493	980.296	990.099
-17	31790.484	32111.600	32432.716	74	941.761	951.274	960.787
-16	30230.343	30535.700	30841.057	75	913.996	923.228	932.460
-15	28755.441	29045.900	29336.359	76	887.160	896.121	905.082
-14	27360.927	27637.300	27913.673	77	861.218	869.917	878.616

-13	26042.049	26305.100	26568.151	78	836.137	844.583	853.029
-12	24794.352	25044.800	25295.248	79	811.884	820.085	828.286
-11	23613.678	23852.200	24090.722	80	788.428	796.392	804.356
-10	22496.166	22723.400	22950.634	81	765.739	773.474	781.209
-9	21438.153	21654.700	21871.247	82	743.790	751.303	758.816
-8	20436.174	20642.600	20849.026	83	722.552	729.851	737.150
-7	19486.962	19683.800	19880.638	84	702.001	709.092	716.183
-6	18587.448	18775.200	18962.952	85	682.110	689.000	695.890
-5	17734.959	17914.100	18093.241	86	662.855	669.550	676.246
-4	16926.624	17097.600	17268.576	87	644.214	650.721	657.228
-3	16160.067	16323.300	16486.533	88	626.164	632.489	638.814
-2	15432.813	15588.700	15744.587	89	608.685	614.833	620.981
-1	14742.684	14891.600	15040.516	90	591.756	597.733	603.710
0	14087.700	14230.000	14372.300	91	575.356	581.168	586.980
1	13465.683	13601.700	13737.717	92	559.469	565.120	570.771
2	12874.950	13005.000	13135.050	93	544.074	549.570	555.066
3	12313.719	12438.100	12562.481	94	529.157	534.502	539.847
4	11780.406	11899.400	12018.394	95	514.699	519.898	525.097
5	11273.427	11387.300	11501.173	96	500.685	505.742	510.799
6	10791.297	10900.300	11009.303	97	487.099	492.019	496.939
7	10332.729	10437.100	10541.471	98	473.927	478.714	483.501
8	9896.495	9996.460	10096.425	99	461.154	465.812	470.470
9	9481.270	9577.040	9672.810	100	448.767	453.300	457.833
10	9088.200	9180.000	9271.800	101	436.752	441.164	445.576
11	8709.555	8797.530	8885.505	102	425.098	429.392	433.686
12	8350.987	8435.340	8519.693	103	413.791	417.971	422.151
13	8009.338	8090.240	8171.142	104	402.821	406.890	410.959
14	7683.717	7761.330	7838.943	105	392.176	396.137	400.098
15	7373.273	7447.750	7522.228	106	381.845	385.702	389.559
16	7077.223	7148.710	7220.197	107	371.818	375.574	379.330
17	6794.816	6863.450	6932.085	108	362.085	365.742	369.399
18	6525.357	6591.270	6657.183	109	352.635	356.197	359.759
19	6268.165	6331.480	6394.795	110	343.461	346.930	350.399
20	6022.616	6083.450	6144.285	111	334.553	337.932	341.311
21	5788.134	5846.600	5905.066	112	325.901	329.193	332.485
22	5564.137	5620.340	5676.543	113	317.499	320.706	323.913
23	5350.109	5404.150	5458.192	114	309.337	312.462	315.587
24	5145.555	5197.530	5249.505	115	301.408	304.453	307.498
25	4950.000	5000.000	5050.000	116	293.706	296.673	299.640
26	4762.989	4811.100	4859.211	117	286.222	289.113	292.004
27	4584.106	4630.410	4676.714	118	278.950	281.768	284.586
28	4412.955	4457.530	4502.105	119	271.883	274.629	277.375
29	4249.159	4292.080	4335.001	120	265.014	267.691	270.368

30	4092.363	4133.700	4175.037	121	258.337	260.946	263.555
31	3942.220	3982.040	4021.860	122	251.847	254.391	256.935
32	3798.422	3836.790	3875.158	123	245.537	248.017	250.497
33	3660.664	3697.640	3734.616	124	239.402	241.820	244.238
34	3528.657	3564.300	3599.943	125	233.436	235.794	238.152
35	3402.125	3436.490	3470.855				