南京时恒电子科技有限公司

规格承认书

APPROVAL SHEET

客户名称：

CUSTOMER _____

产品名称：

PART NAME MF58 玻壳测温型 NTC 热敏电阻器

产品规格：

PART NUMBER MF58-502 J3470(UL:E240991)

日期：

DATE 2017 年 07 月 20 日

确　认

CONFIRM

客户	供货商/制造商
品保部：	规格书制作：　鞠晓丽
制造部：	技术部审核：
工程部：	品质部审核： 生产部审核：

南京时恒电子科技有限公司

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南京时恒电子科技有限公司

MF58 玻壳测温型 NTC 热敏电阻器

型号：MF58-502J3470

本规格书提供了南京时恒电子科技有限公司生产的 MF58 系列 NTC 热敏电阻的结构尺寸、产品性能、试验条件、使用要求的描述，敬请贵司确认。

对本规格书产生疑义时，请速与我们取得联系（025-52121868），若无疑义请确认回传，若无回传，我司将视为默认。

贵公司改变使用用途，作用方法时，请与我们取得联系。

客户名称：		
客户确认	确认：	时间：
	审核：	时间：

1.电气性能

	项目	符号	测试条件	单位	性能要求
1.1	25℃的零功率电阻值	R_{25}	Ta=25±0.05℃ 测试功率≤0.1mw	KΩ	5KΩ±5%
1.2	B 值	$B_{25/50}$	$B=[(T_a\times T_b)/(T_b-T_a)]\times \ln(R_a/R_b)$ T_b=50℃±0.05℃	K	3470±1%
1.3	耗散系数	δ	静止空气中	mW/℃	≥2
1.4	时间常数	τ	静止空气中	sec	≤20
1.5	耐电压	/	1500V/AC 1min	/	无击穿或飞弧
1.6	绝缘电阻	/	500V/DC 1min	MΩ	≥500
1.7	工作温度范围	/	/	℃	-55~ 250
1.8	最大额定功率	Pmax	/	mW	50
1.9	阻温特性	/	/	/	见附表 1
1.10	阻值误差	/	/	/	见附表 2

2.可靠性

项目	测试条件及方法	技术要求
2.1 引出端强度	固定电阻端，拉力：10±1 N，时间：10±1 秒	无可见性损伤 R_{25} ΔR/R≤±2%
2.2 可焊性	温度 245±5℃ 时间 2-3 秒	着锡面积≥95%
2.3 耐焊接热	锡锅温度：260±5℃，浸入深度距电阻体 6mm，时间 5±1 秒	R_{25} ΔR/R≤±2%
2.4 稳态湿热	温度：40℃±2℃，湿度：93±2%，时间：500 小时	R_{25} ΔR/R≤±2%
2.5 温度快速变化	-55℃30min→25℃5min→250℃30min→25℃5min，反复 5 次	R_{25} ΔR/R≤±2%
2.6 高温储存	温度:250℃±5℃，时间:1000 小时	R_{25} ΔR/R≤±2%
2.7 低温储存	温度:-55℃±5℃，时间:1000 小时	R_{25} ΔR/R≤±2%

3、使用注意事项

3.1 本产品的用途：温度测量与控制；

3.2 避免流过热敏电阻芯片的电流引起元件自身发热而产生测量误差；

3.3 烙铁焊接时，焊接处距玻壳端距离至少 2mm，焊接温度应低于 360℃，焊接时间＜3ses；

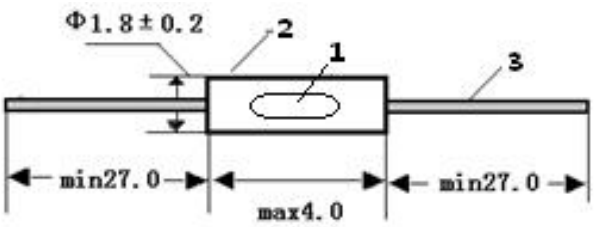
3.4 若引线弯曲时，弯曲点应距玻壳端 2mm 以上，以免造成玻壳损伤；

3.5 储存温度：-10℃ ～ 40℃；储存湿度：≤75% RH；

3.6 避免存放在具有腐蚀性气体及光照的环境下；

3.7 包装打开后需重新密封保存。

4.外形尺寸：（单位：mm)



序号	名称	材料规格	数量	备注
1	元件	NTC 热敏电阻	1	
2	外壳	玻璃	1	
3	导线	Φ0.5±0.05 镀锡钢线	2	

5.产品型号说明

MF58 502 J 3470

① ② ③ ④

① MF58：玻壳测温型 NTC 热敏电阻

② 502： 25℃的零功率电阻值 5KΩ

③ J：阻值精度代码 F-±1% G-±2% H-±3% J-±5%

④ 3470：$B_{25/50}$ 值 3470K

6、认证

6.1 质量管理体系认证 ISO9001:2008 (01115Q20270R5M)
ISO/TS16949：2009 (0192416)

6.2 环境管理体系认证 ISO14001:2004 (01113E20060R2M)

6.3 环保检测报告 ROHS

6.4 产品 CQC 认证 (CQC09001033986)

6.5 江苏省高新技术产品认证 (150115G0377N)

6.6 安规认证 UL 1434 认证(File # E240991)

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附表:1

南 京 时 恒 阻 温 特 性 表

R25=5KΩ 精度:±5% B25/50=3470K B25/85=3530K 精度:±1%(SH-27A)

温度(℃)	电阻(KΩ)			电阻精度(%)		温度精度(℃)	
	最小值	中心值	最大值	△R	-△R	△T	-△T
-55	1446.920	1613.660	1795.100	11.240	-10.330	1.139	-1.046
-54	950.072	1055.050	1168.710	10.770	-9.950	1.168	-1.079
-53	659.791	730.006	805.674	10.360	-9.618	1.197	-1.111
-52	480.943	530.429	583.543	10.010	-9.329	1.226	-1.142
-51	365.531	402.026	441.058	9.708	-9.077	1.253	-1.171
-50	287.982	315.972	345.816	9.445	-8.858	1.278	-1.199
-49	233.993	256.198	279.809	9.215	-8.667	1.302	-1.224
-48	195.213	213.347	232.582	9.016	-8.499	1.324	-1.248
-47	166.572	181.754	197.824	8.841	-8.352	1.343	-1.269
-46	144.885	157.867	171.583	8.688	-8.223	1.361	-1.288
-45	128.087	139.391	151.313	8.553	-8.109	1.376	-1.305
-44	114.804	124.798	135.322	8.433	-8.007	1.390	-1.319
-43	104.095	113.045	122.457	8.325	-7.916	1.401	-1.332
-42	95.305	103.407	111.917	8.229	-7.834	1.411	-1.343
-41	87.966	95.366	103.131	8.141	-7.759	1.419	-1.352
-40	81.739	88.550	95.688	8.061	-7.691	1.425	-1.360
-39	76.374	82.682	89.286	7.987	-7.628	1.430	-1.366
-38	71.688	77.558	83.700	7.918	-7.569	1.435	-1.371
-37	67.539	73.025	78.761	7.853	-7.513	1.438	-1.376
-36	63.821	68.966	74.340	7.791	-7.460	1.440	-1.379
-35	60.453	65.291	70.340	7.732	-7.409	1.442	-1.382
-34	57.373	61.932	66.686	7.675	-7.360	1.443	-1.384
-33	54.533	58.836	63.319	7.620	-7.313	1.444	-1.385
-32	51.894	55.960	60.195	7.566	-7.266	1.444	-1.387
-31	49.427	53.274	57.277	7.513	-7.221	1.444	-1.388
-30	47.110	50.753	54.540	7.461	-7.176	1.444	-1.388
-29	44.925	48.376	51.960	7.410	-7.131	1.443	-1.389
-28	42.858	46.128	49.523	7.359	-7.087	1.443	-1.390
-27	40.898	43.997	47.213	7.308	-7.043	1.442	-1.390
-26	39.035	41.974	45.020	7.257	-6.999	1.442	-1.390
-25	37.264	40.050	42.936	7.207	-6.956	1.441	-1.391
-24	35.576	38.218	40.954	7.157	-6.912	1.440	-1.391
-23	33.969	36.474	39.067	7.107	-6.869	1.440	-1.392
-22	32.437	34.813	37.270	7.057	-6.825	1.439	-1.392
-21	30.977	33.231	35.559	7.007	-6.782	1.439	-1.393
-20	29.585	31.723	33.930	6.958	-6.739	1.438	-1.393
-19	28.259	30.287	32.380	6.908	-6.695	1.438	-1.394
-18	26.996	28.920	30.904	6.859	-6.652	1.438	-1.394
-17	25.793	27.618	29.499	6.809	-6.609	1.437	-1.395

-16	24.647	26.380	28.163	6.760	-6.566	1.437	-1.396
-15	23.557	25.201	26.892	6.712	-6.524	1.437	-1.396
-14	22.519	24.080	25.684	6.663	-6.481	1.436	-1.397
-13	21.532	23.013	24.536	6.615	-6.439	1.436	-1.398
-12	20.592	22.000	23.444	6.567	-6.397	1.436	-1.399
-11	19.699	21.036	22.407	6.519	-6.355	1.436	-1.400
-10	18.849	20.120	21.422	6.472	-6.313	1.436	-1.400
-9	18.041	19.249	20.485	6.425	-6.272	1.435	-1.401
-8	17.273	18.421	19.596	6.378	-6.230	1.435	-1.402
-7	16.542	17.633	18.750	6.331	-6.189	1.435	-1.402
-6	15.847	16.885	17.947	6.285	-6.149	1.434	-1.403
-5	15.186	16.174	17.183	6.239	-6.108	1.434	-1.403
-4	14.556	15.497	16.457	6.194	-6.068	1.433	-1.404
-3	13.958	14.853	15.767	6.149	-6.028	1.432	-1.404
-2	13.388	14.240	15.110	6.104	-5.989	1.432	-1.405
-1	12.845	13.657	14.485	6.060	-5.949	1.431	-1.405
0	12.476	13.262	14.061	6.029	-5.922	1.415	-1.390
1	11.835	12.573	13.324	5.972	-5.872	1.429	-1.405
2	11.365	12.069	12.785	5.929	-5.833	1.428	-1.405
3	10.917	11.589	12.271	5.886	-5.795	1.426	-1.404
4	10.490	11.131	11.781	5.843	-5.757	1.425	-1.404
5	10.082	10.693	11.314	5.801	-5.719	1.423	-1.403
6	9.692	10.276	10.868	5.759	-5.681	1.422	-1.403
7	9.320	9.878	10.442	5.717	-5.644	1.420	-1.402
8	8.964	9.497	10.036	5.675	-5.607	1.418	-1.401
9	8.624	9.133	9.647	5.634	-5.570	1.416	-1.400
10	8.474	8.973	9.476	5.615	-5.553	1.368	-1.352
11	7.987	8.451	8.921	5.552	-5.497	1.411	-1.397
12	7.688	8.132	8.581	5.512	-5.461	1.408	-1.395
13	7.402	7.827	8.255	5.471	-5.424	1.405	-1.393
14	7.128	7.534	7.944	5.431	-5.388	1.403	-1.392
15	6.866	7.254	7.645	5.391	-5.352	1.400	-1.390
16	6.614	6.985	7.359	5.351	-5.317	1.396	-1.387
17	6.372	6.727	7.084	5.312	-5.281	1.393	-1.385
18	6.140	6.480	6.821	5.272	-5.246	1.390	-1.383
19	5.917	6.242	6.569	5.233	-5.210	1.386	-1.380
20	5.702	6.014	6.326	5.194	-5.175	1.382	-1.377
21	5.497	5.794	6.093	5.155	-5.140	1.378	-1.374
22	5.299	5.584	5.869	5.116	-5.104	1.374	-1.371
23	5.108	5.381	5.655	5.077	-5.069	1.370	-1.368
24	4.926	5.187	5.448	5.038	-5.034	1.366	-1.365
25	4.750	5.000	5.250	5.000	-5.000	1.365	-1.365
26	4.577	4.819	5.062	5.038	-5.034	1.378	-1.377
27	4.411	4.646	4.882	5.076	-5.069	1.395	-1.393
28	4.251	4.480	4.709	5.115	-5.104	1.411	-1.408

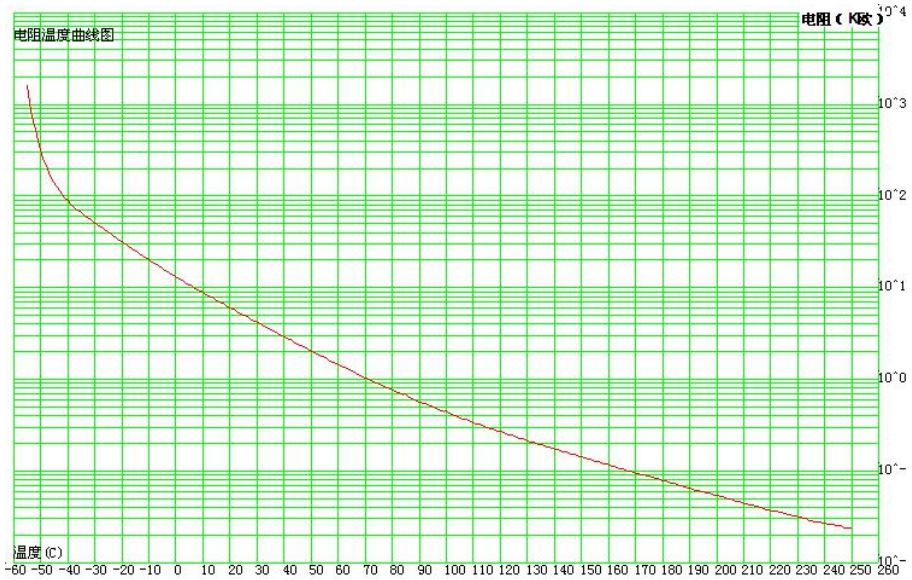
29	4.097	4.319	4.542	5.153	-5.138	1.428	-1.424
30	3.949	4.165	4.381	5.191	-5.173	1.445	-1.440
31	3.807	4.016	4.226	5.230	-5.207	1.462	-1.455
32	3.670	3.873	4.077	5.268	-5.242	1.478	-1.471
33	3.538	3.735	3.934	5.306	-5.276	1.495	-1.487
34	3.411	3.603	3.795	5.344	-5.310	1.512	-1.503
35	3.289	3.475	3.662	5.382	-5.344	1.529	-1.519
36	3.172	3.352	3.534	5.420	-5.378	1.546	-1.534
37	3.059	3.234	3.410	5.458	-5.412	1.564	-1.550
38	2.950	3.120	3.291	5.496	-5.446	1.581	-1.567
39	2.845	3.010	3.176	5.534	-5.480	1.598	-1.583
40	2.744	2.904	3.066	5.571	-5.514	1.616	-1.599
41	2.647	2.802	2.959	5.609	-5.548	1.633	-1.615
42	2.553	2.704	2.857	5.647	-5.582	1.651	-1.632
43	2.463	2.609	2.758	5.684	-5.615	1.668	-1.648
44	2.376	2.518	2.662	5.722	-5.649	1.686	-1.665
45	2.292	2.431	2.571	5.759	-5.682	1.704	-1.681
46	2.212	2.346	2.482	5.797	-5.715	1.722	-1.698
47	2.135	2.265	2.397	5.834	-5.749	1.740	-1.715
48	2.060	2.187	2.315	5.871	-5.782	1.759	-1.732
49	1.988	2.111	2.236	5.908	-5.815	1.777	-1.749
50	1.919	2.039	2.160	5.946	-5.848	1.796	-1.766
51	1.853	1.969	2.086	5.983	-5.881	1.814	-1.783
52	1.789	1.901	2.016	6.019	-5.913	1.833	-1.801
53	1.727	1.836	1.948	6.056	-5.946	1.852	-1.818
54	1.668	1.774	1.882	6.093	-5.979	1.871	-1.836
55	1.611	1.714	1.819	6.129	-6.011	1.890	-1.854
56	1.556	1.656	1.758	6.166	-6.043	1.910	-1.872
57	1.503	1.600	1.700	6.202	-6.075	1.929	-1.890
58	1.452	1.547	1.643	6.238	-6.107	1.949	-1.908
59	1.403	1.495	1.589	6.274	-6.139	1.969	-1.926
60	1.356	1.445	1.537	6.310	-6.171	1.989	-1.945
61	1.311	1.397	1.486	6.346	-6.203	2.009	-1.963
62	1.267	1.351	1.438	6.382	-6.234	2.029	-1.982
63	1.225	1.307	1.391	6.417	-6.265	2.049	-2.001
64	1.185	1.264	1.346	6.453	-6.296	2.070	-2.020
65	1.146	1.223	1.303	6.488	-6.327	2.091	-2.039
66	1.108	1.184	1.261	6.523	-6.358	2.112	-2.058
67	1.072	1.145	1.221	6.558	-6.389	2.133	-2.078
68	1.038	1.109	1.182	6.592	-6.419	2.154	-2.097
69	1.004	1.073	1.145	6.627	-6.450	2.175	-2.117
70	0.972	1.039	1.109	6.661	-6.480	2.197	-2.137
71	0.941	1.007	1.074	6.695	-6.510	2.218	-2.157
72	0.911	0.975	1.041	6.729	-6.539	2.240	-2.177
73	0.883	0.945	1.009	6.763	-6.569	2.262	-2.197

74	0.855	0.915	0.978	6.797	-6.598	2.284	-2.218
75	0.828	0.887	0.948	6.830	-6.627	2.307	-2.238
76	0.803	0.860	0.919	6.863	-6.656	2.329	-2.259
77	0.778	0.834	0.892	6.896	-6.685	2.352	-2.280
78	0.754	0.809	0.865	6.929	-6.714	2.375	-2.301
79	0.732	0.784	0.839	6.962	-6.742	2.398	-2.322
80	0.710	0.761	0.814	6.994	-6.771	2.421	-2.344
81	0.688	0.739	0.790	7.026	-6.799	2.444	-2.365
82	0.668	0.717	0.767	7.058	-6.826	2.468	-2.387
83	0.648	0.696	0.745	7.090	-6.854	2.491	-2.408
84	0.629	0.676	0.724	7.122	-6.881	2.515	-2.430
85	0.640	0.688	0.736	7.103	-6.865	2.581	-2.494
86	0.593	0.637	0.683	7.184	-6.936	2.563	-2.475
87	0.576	0.619	0.664	7.215	-6.962	2.588	-2.497
88	0.560	0.602	0.645	7.246	-6.989	2.612	-2.520
89	0.544	0.585	0.627	7.276	-7.015	2.637	-2.542
90	0.529	0.569	0.610	7.306	-7.042	2.661	-2.565
91	0.514	0.553	0.593	7.336	-7.068	2.686	-2.588
92	0.500	0.538	0.577	7.366	-7.094	2.711	-2.611
93	0.486	0.523	0.562	7.396	-7.119	2.737	-2.634
94	0.473	0.509	0.547	7.425	-7.145	2.762	-2.658
95	0.460	0.495	0.532	7.454	-7.170	2.788	-2.681
96	0.447	0.482	0.518	7.483	-7.195	2.813	-2.705
97	0.435	0.469	0.505	7.512	-7.220	2.839	-2.729
98	0.424	0.457	0.492	7.541	-7.244	2.865	-2.753
99	0.413	0.445	0.479	7.569	-7.269	2.891	-2.777
100	0.422	0.456	0.490	7.544	-7.247	2.957	-2.841
101	0.392	0.423	0.455	7.625	-7.317	2.944	-2.825
102	0.382	0.412	0.443	7.653	-7.341	2.971	-2.850
103	0.372	0.401	0.432	7.680	-7.365	2.998	-2.874
104	0.362	0.391	0.421	7.708	-7.388	3.024	-2.899
105	0.353	0.382	0.411	7.735	-7.411	3.051	-2.924
106	0.344	0.372	0.401	7.762	-7.435	3.079	-2.949
107	0.336	0.363	0.391	7.789	-7.458	3.106	-2.974
108	0.328	0.354	0.382	7.815	-7.480	3.133	-2.999
109	0.320	0.346	0.373	7.841	-7.503	3.161	-3.024
110	0.312	0.337	0.364	7.868	-7.526	3.189	-3.050
111	0.304	0.329	0.355	7.894	-7.548	3.216	-3.076
112	0.297	0.321	0.347	7.920	-7.570	3.244	-3.101
113	0.290	0.314	0.339	7.945	-7.592	3.273	-3.127
114	0.283	0.306	0.331	7.971	-7.614	3.301	-3.153
115	0.276	0.299	0.323	7.996	-7.636	3.329	-3.179
116	0.270	0.292	0.316	8.021	-7.657	3.358	-3.205
117	0.264	0.286	0.309	8.046	-7.678	3.386	-3.231
118	0.258	0.279	0.302	8.071	-7.700	3.415	-3.258

119	0.252	0.273	0.295	8.096	-7.721	3.444	-3.284
120	0.246	0.267	0.288	8.121	-7.742	3.473	-3.311
121	0.240	0.261	0.282	8.145	-7.763	3.502	-3.337
122	0.235	0.255	0.276	8.169	-7.783	3.531	-3.364
123	0.230	0.249	0.270	8.193	-7.804	3.560	-3.391
124	0.225	0.244	0.264	8.217	-7.824	3.590	-3.418
125	0.220	0.239	0.258	8.241	-7.845	3.619	-3.445
126	0.215	0.233	0.253	8.265	-7.865	3.649	-3.472
127	0.210	0.228	0.247	8.289	-7.885	3.678	-3.499
128	0.206	0.223	0.242	8.312	-7.905	3.708	-3.527
129	0.201	0.219	0.237	8.336	-7.925	3.738	-3.554
130	0.197	0.214	0.232	8.359	-7.945	3.768	-3.581
131	0.193	0.209	0.227	8.382	-7.964	3.798	-3.609
132	0.189	0.205	0.222	8.405	-7.984	3.828	-3.637
133	0.185	0.201	0.218	8.428	-8.003	3.859	-3.664
134	0.181	0.196	0.213	8.451	-8.023	3.889	-3.692
135	0.177	0.192	0.209	8.474	-8.042	3.920	-3.720
136	0.173	0.188	0.204	8.496	-8.061	3.950	-3.748
137	0.170	0.184	0.200	8.519	-8.081	3.981	-3.776
138	0.166	0.181	0.196	8.542	-8.100	4.012	-3.804
139	0.163	0.177	0.192	8.564	-8.119	4.042	-3.832
140	0.159	0.173	0.188	8.586	-8.138	4.073	-3.860
141	0.156	0.170	0.184	8.609	-8.156	4.104	-3.889
142	0.153	0.166	0.181	8.631	-8.175	4.135	-3.917
143	0.150	0.163	0.177	8.653	-8.194	4.166	-3.945
144	0.147	0.160	0.174	8.675	-8.213	4.198	-3.974
145	0.144	0.157	0.170	8.697	-8.231	4.229	-4.002
146	0.141	0.153	0.167	8.719	-8.250	4.260	-4.031
147	0.138	0.150	0.163	8.741	-8.268	4.292	-4.060
148	0.135	0.147	0.160	8.763	-8.287	4.323	-4.088
149	0.132	0.144	0.157	8.785	-8.305	4.355	-4.117
150	0.130	0.142	0.154	8.806	-8.323	4.387	-4.146
151	0.127	0.139	0.151	8.828	-8.342	4.418	-4.175
152	0.125	0.136	0.148	8.850	-8.360	4.450	-4.204
153	0.122	0.133	0.145	8.871	-8.378	4.482	-4.233
154	0.120	0.131	0.142	8.893	-8.396	4.514	-4.262
155	0.117	0.128	0.140	8.914	-8.414	4.546	-4.291
156	0.115	0.126	0.137	8.936	-8.432	4.578	-4.320
157	0.113	0.123	0.134	8.957	-8.450	4.610	-4.349
158	0.110	0.121	0.132	8.979	-8.468	4.642	-4.378
159	0.108	0.118	0.129	9.000	-8.486	4.674	-4.408
160	0.106	0.116	0.127	9.022	-8.504	4.707	-4.437
161	0.104	0.114	0.124	9.043	-8.522	4.739	-4.466
162	0.102	0.112	0.122	9.064	-8.540	4.772	-4.496
163	0.100	0.109	0.119	9.086	-8.558	4.804	-4.525

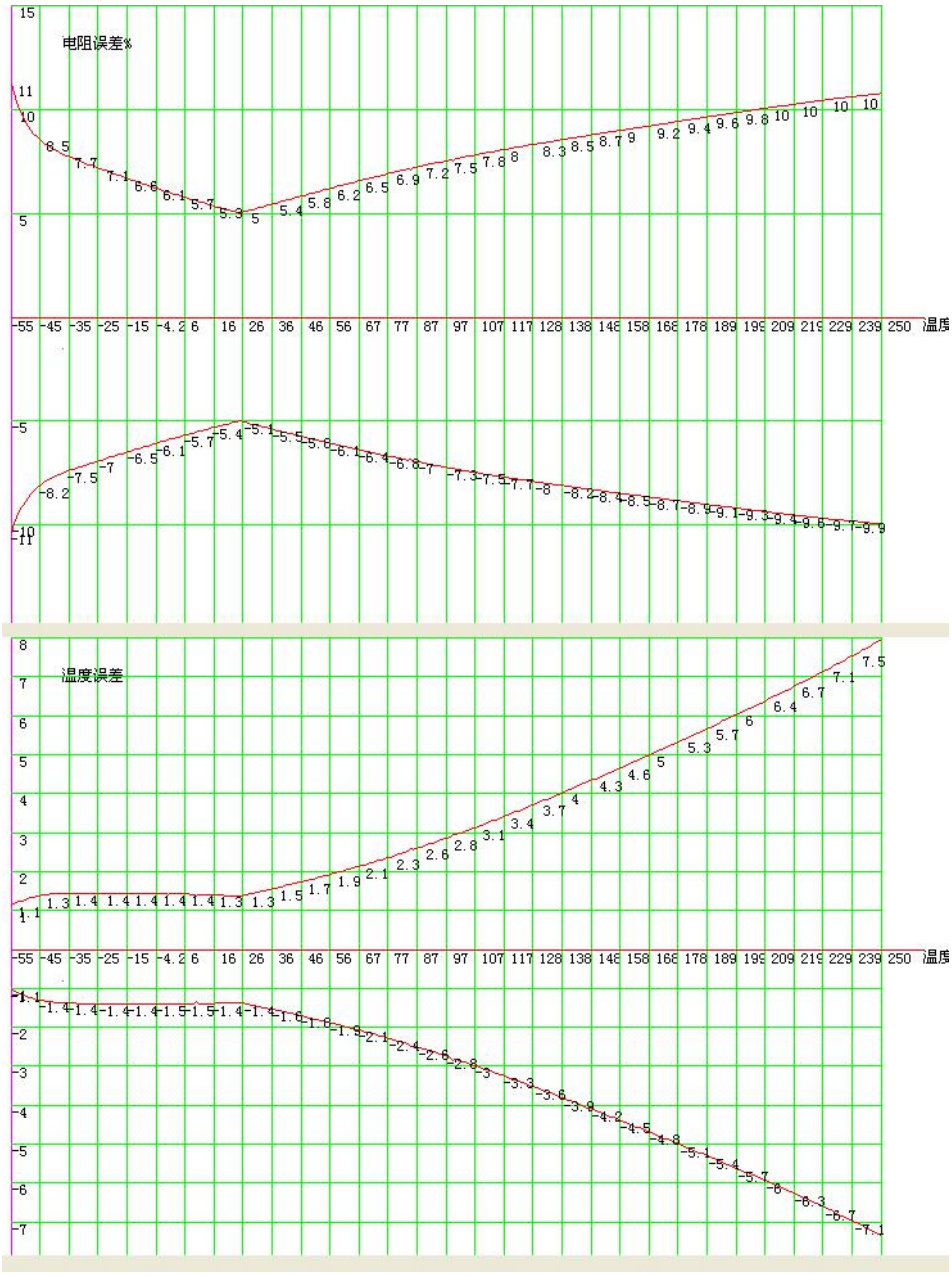
164	0.098	0.107	0.117	9.107	-8.576	4.837	-4.554
165	0.096	0.105	0.115	9.128	-8.594	4.869	-4.584
166	0.094	0.103	0.113	9.150	-8.612	4.902	-4.614
167	0.092	0.101	0.110	9.171	-8.629	4.935	-4.643
168	0.091	0.099	0.108	9.192	-8.647	4.967	-4.673
169	0.089	0.097	0.106	9.213	-8.665	5.000	-4.702
170	0.087	0.095	0.104	9.235	-8.683	5.033	-4.732
171	0.085	0.094	0.102	9.256	-8.700	5.066	-4.762
172	0.084	0.092	0.100	9.277	-8.718	5.099	-4.792
173	0.082	0.090	0.098	9.298	-8.736	5.132	-4.822
174	0.080	0.088	0.096	9.319	-8.753	5.165	-4.852
175	0.079	0.087	0.095	9.340	-8.771	5.198	-4.881
176	0.077	0.085	0.093	9.361	-8.789	5.232	-4.911
177	0.076	0.083	0.091	9.383	-8.806	5.265	-4.941
178	0.074	0.082	0.089	9.404	-8.824	5.298	-4.972
179	0.073	0.080	0.088	9.425	-8.841	5.332	-5.002
180	0.072	0.079	0.086	9.446	-8.859	5.365	-5.032
181	0.070	0.077	0.084	9.467	-8.877	5.399	-5.062
182	0.069	0.076	0.083	9.488	-8.894	5.432	-5.092
183	0.067	0.074	0.081	9.509	-8.912	5.466	-5.123
184	0.066	0.073	0.080	9.530	-8.929	5.500	-5.153
185	0.065	0.071	0.078	9.551	-8.947	5.534	-5.183
186	0.064	0.070	0.077	9.572	-8.964	5.567	-5.214
187	0.062	0.069	0.075	9.593	-8.981	5.601	-5.244
188	0.061	0.067	0.074	9.614	-8.999	5.635	-5.275
189	0.060	0.066	0.072	9.635	-9.016	5.669	-5.305
190	0.059	0.065	0.071	9.656	-9.034	5.704	-5.336
191	0.058	0.064	0.070	9.677	-9.051	5.738	-5.367
192	0.057	0.062	0.068	9.698	-9.068	5.772	-5.397
193	0.056	0.061	0.067	9.718	-9.085	5.806	-5.428
194	0.054	0.060	0.066	9.739	-9.103	5.841	-5.459
195	0.053	0.059	0.065	9.760	-9.120	5.875	-5.490
196	0.052	0.058	0.063	9.781	-9.137	5.910	-5.521
197	0.051	0.057	0.062	9.802	-9.154	5.945	-5.552
198	0.050	0.056	0.061	9.822	-9.171	5.979	-5.583
199	0.049	0.055	0.060	9.843	-9.188	6.014	-5.614
200	0.049	0.054	0.059	9.863	-9.205	6.049	-5.645
201	0.048	0.052	0.058	9.884	-9.222	6.084	-5.677
202	0.047	0.052	0.057	9.904	-9.239	6.119	-5.708
203	0.046	0.051	0.056	9.925	-9.256	6.154	-5.740
204	0.045	0.050	0.055	9.945	-9.273	6.190	-5.771
205	0.044	0.049	0.054	9.966	-9.290	6.225	-5.803
206	0.043	0.048	0.053	9.986	-9.307	6.260	-5.834
207	0.043	0.047	0.052	10.000	-9.323	6.296	-5.866
208	0.042	0.046	0.051	10.020	-9.340	6.332	-5.898

209	0.041	0.045	0.050	10.040	-9.356	6.367	-5.930
210	0.040	0.044	0.049	10.060	-9.373	6.403	-5.962
211	0.039	0.044	0.048	10.080	-9.389	6.439	-5.994
212	0.039	0.043	0.047	10.100	-9.406	6.475	-6.026
213	0.038	0.042	0.046	10.120	-9.422	6.511	-6.059
214	0.037	0.041	0.046	10.140	-9.438	6.548	-6.091
215	0.037	0.041	0.045	10.160	-9.454	6.584	-6.123
216	0.036	0.040	0.044	10.180	-9.470	6.621	-6.156
217	0.035	0.039	0.043	10.200	-9.486	6.657	-6.189
218	0.035	0.038	0.042	10.220	-9.502	6.694	-6.222
219	0.034	0.038	0.042	10.240	-9.518	6.731	-6.254
220	0.034	0.037	0.041	10.260	-9.534	6.768	-6.288
221	0.033	0.036	0.040	10.280	-9.549	6.805	-6.321
222	0.032	0.036	0.040	10.300	-9.565	6.842	-6.354
223	0.032	0.035	0.039	10.310	-9.580	6.880	-6.387
224	0.031	0.035	0.038	10.330	-9.595	6.917	-6.421
225	0.031	0.034	0.038	10.350	-9.611	6.955	-6.454
226	0.030	0.033	0.037	10.370	-9.626	6.993	-6.488
227	0.030	0.033	0.036	10.390	-9.641	7.031	-6.522
228	0.029	0.032	0.036	10.410	-9.655	7.069	-6.556
229	0.029	0.032	0.035	10.420	-9.670	7.107	-6.590
230	0.028	0.031	0.035	10.440	-9.685	7.146	-6.625
231	0.028	0.031	0.034	10.460	-9.699	7.184	-6.659
232	0.027	0.030	0.034	10.480	-9.713	7.223	-6.694
233	0.027	0.030	0.033	10.490	-9.727	7.262	-6.728
234	0.026	0.029	0.033	10.510	-9.741	7.301	-6.763
235	0.026	0.029	0.032	10.530	-9.755	7.340	-6.798
236	0.026	0.028	0.032	10.550	-9.769	7.380	-6.834
237	0.025	0.028	0.031	10.560	-9.783	7.419	-6.869
238	0.025	0.028	0.031	10.580	-9.796	7.459	-6.905
239	0.024	0.027	0.030	10.590	-9.809	7.499	-6.940
240	0.024	0.027	0.030	10.610	-9.822	7.539	-6.976
241	0.024	0.026	0.029	10.630	-9.835	7.580	-7.012
242	0.023	0.026	0.029	10.640	-9.848	7.620	-7.049
243	0.023	0.026	0.028	10.660	-9.860	7.661	-7.085
244	0.023	0.025	0.028	10.670	-9.873	7.702	-7.122
245	0.022	0.025	0.028	10.690	-9.885	7.743	-7.159
246	0.022	0.025	0.027	10.700	-9.897	7.784	-7.196
247	0.022	0.024	0.027	10.720	-9.908	7.826	-7.233
248	0.022	0.024	0.027	10.730	-9.920	7.868	-7.270
249	0.021	0.024	0.026	10.740	-9.931	7.910	-7.308
250	0.021	0.023	0.026	10.760	-9.942	7.952	-7.346



附表:2

南京时恒电阻误差曲线图



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