

## NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3K803F[R,B]
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RESISTANCE(at25°C)	80000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50°C)	3500 K	B-TOLERANCE(±)	1 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.779E+06	1.857E+06	1.938E+06
-39	1.678E+06	1.750E+06	1.825E+06
-38	1.583E+06	1.650E+06	1.720E+06
-37	1.494E+06	1.557E+06	1.621E+06
-36	1.411E+06	1.469E+06	1.529E+06
-35	1.333E+06	1.387E+06	1.442E+06
-34	1.259E+06	1.309E+06	1.361E+06
-33	1.190E+06	1.237E+06	1.285E+06
-32	1.125E+06	1.169E+06	1.214E+06
-31	1.065E+06	1.105E+06	1.147E+06
-30	1.007E+06	1.045E+06	1.084E+06
-29	9.533E+05	9.883E+05	1.024E+06
-28	9.026E+05	9.351E+05	9.687E+05
-27	8.549E+05	8.852E+05	9.165E+05
-26	8.100E+05	8.382E+05	8.673E+05
-25	7.677E+05	7.940E+05	8.212E+05
-24	7.280E+05	7.525E+05	7.778E+05
-23	6.905E+05	7.134E+05	7.369E+05
-22	6.552E+05	6.766E+05	6.985E+05
-21	6.220E+05	6.419E+05	6.623E+05
-20	5.906E+05	6.092E+05	6.283E+05
-19	5.611E+05	5.784E+05	5.961E+05
-18	5.332E+05	5.493E+05	5.659E+05
-17	5.068E+05	5.219E+05	5.374E+05
-16	4.819E+05	4.960E+05	5.104E+05
-15	4.584E+05	4.716E+05	4.850E+05
-14	4.362E+05	4.485E+05	4.611E+05
-13	4.153E+05	4.267E+05	4.384E+05
-12	3.954E+05	4.061E+05	4.170E+05
-11	3.766E+05	3.866E+05	3.968E+05
-10	3.589E+05	3.682E+05	3.777E+05
-9	3.420E+05	3.507E+05	3.597E+05
-8	3.261E+05	3.342E+05	3.426E+05
-7	3.110E+05	3.186E+05	3.264E+05
-6	2.967E+05	3.038E+05	3.111E+05
-5	2.832E+05	2.898E+05	2.966E+05
-4	2.703E+05	2.765E+05	2.828E+05
-3	2.581E+05	2.639E+05	2.698E+05
-2	2.465E+05	2.520E+05	2.575E+05
-1	2.355E+05	2.406E+05	2.458E+05
0	2.251E+05	2.298E+05	2.347E+05

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.251E+05	2.298E+05	2.347E+05
1	2.152E+05	2.196E+05	2.241E+05
2	2.058E+05	2.099E+05	2.141E+05
3	1.968E+05	2.007E+05	2.046E+05
4	1.883E+05	1.919E+05	1.956E+05
5	1.803E+05	1.836E+05	1.870E+05
6	1.726E+05	1.757E+05	1.789E+05
7	1.652E+05	1.682E+05	1.712E+05
8	1.583E+05	1.610E+05	1.638E+05
9	1.517E+05	1.542E+05	1.568E+05
10	1.453E+05	1.477E+05	1.501E+05
11	1.393E+05	1.416E+05	1.438E+05
12	1.336E+05	1.357E+05	1.378E+05
13	1.281E+05	1.301E+05	1.320E+05
14	1.229E+05	1.247E+05	1.266E+05
15	1.180E+05	1.197E+05	1.213E+05
16	1.132E+05	1.148E+05	1.164E+05
17	1.087E+05	1.102E+05	1.116E+05
18	1.044E+05	1.058E+05	1.071E+05
19	1.003E+05	1.016E+05	1.028E+05
20	9.637E+04	9.754E+04	9.871E+04
21	9.262E+04	9.370E+04	9.479E+04
22	8.903E+04	9.004E+04	9.105E+04
23	8.561E+04	8.654E+04	8.747E+04
24	8.233E+04	8.320E+04	8.406E+04
25	7.920E+04	8.000E+04	8.080E+04
26	7.615E+04	7.694E+04	7.774E+04
27	7.323E+04	7.402E+04	7.482E+04
28	7.043E+04	7.123E+04	7.203E+04
29	6.777E+04	6.856E+04	6.935E+04
30	6.521E+04	6.600E+04	6.679E+04
31	6.277E+04	6.355E+04	6.433E+04
32	6.043E+04	6.121E+04	6.198E+04
33	5.819E+04	5.896E+04	5.973E+04
34	5.605E+04	5.681E+04	5.758E+04
35	5.400E+04	5.475E+04	5.551E+04
36	5.203E+04	5.278E+04	5.353E+04
37	5.015E+04	5.089E+04	5.163E+04
38	4.834E+04	4.907E+04	4.981E+04
39	4.661E+04	4.733E+04	4.806E+04
40	4.495E+04	4.566E+04	4.638E+04

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T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.495E+04	4.566E+04	4.638E+04
41	4.336E+04	4.407E+04	4.477E+04
42	4.184E+04	4.253E+04	4.323E+04
43	4.038E+04	4.106E+04	4.175E+04
44	3.897E+04	3.964E+04	4.032E+04
45	3.763E+04	3.829E+04	3.896E+04
46	3.633E+04	3.698E+04	3.764E+04
47	3.509E+04	3.573E+04	3.638E+04
48	3.390E+04	3.453E+04	3.517E+04
49	3.275E+04	3.337E+04	3.400E+04
50	3.165E+04	3.226E+04	3.288E+04
51	3.059E+04	3.119E+04	3.180E+04
52	2.957E+04	3.016E+04	3.076E+04
53	2.860E+04	2.918E+04	2.977E+04
54	2.765E+04	2.823E+04	2.881E+04
55	2.675E+04	2.731E+04	2.788E+04
56	2.588E+04	2.643E+04	2.699E+04
57	2.504E+04	2.558E+04	2.613E+04
58	2.423E+04	2.477E+04	2.531E+04
59	2.346E+04	2.398E+04	2.451E+04
60	2.271E+04	2.322E+04	2.375E+04
61	2.199E+04	2.250E+04	2.301E+04
62	2.130E+04	2.179E+04	2.230E+04
63	2.063E+04	2.112E+04	2.161E+04
64	1.999E+04	2.046E+04	2.095E+04
65	1.937E+04	1.983E+04	2.031E+04
66	1.877E+04	1.923E+04	1.970E+04
67	1.819E+04	1.864E+04	1.910E+04
68	1.764E+04	1.808E+04	1.853E+04
69	1.710E+04	1.753E+04	1.798E+04
70	1.658E+04	1.701E+04	1.745E+04
71	1.608E+04	1.650E+04	1.693E+04
72	1.560E+04	1.602E+04	1.644E+04
73	1.514E+04	1.554E+04	1.596E+04
74	1.469E+04	1.509E+04	1.549E+04
75	1.426E+04	1.465E+04	1.505E+04
76	1.384E+04	1.422E+04	1.461E+04
77	1.344E+04	1.381E+04	1.420E+04
78	1.305E+04	1.342E+04	1.379E+04
79	1.267E+04	1.303E+04	1.340E+04
80	1.231E+04	1.266E+04	1.302E+04

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.231E+04	1.266E+04	1.302E+04
81	1.196E+04	1.230E+04	1.266E+04
82	1.162E+04	1.196E+04	1.231E+04
83	1.129E+04	1.162E+04	1.196E+04
84	1.097E+04	1.130E+04	1.163E+04
85	1.066E+04	1.098E+04	1.131E+04
86	1.036E+04	1.068E+04	1.100E+04
87	1.008E+04	1.038E+04	1.070E+04
88	9.797E+03	1.010E+04	1.041E+04
89	9.527E+03	9.825E+03	1.013E+04
90	9.266E+03	9.559E+03	9.859E+03
91	9.014E+03	9.301E+03	9.596E+03
92	8.770E+03	9.051E+03	9.341E+03
93	8.533E+03	8.809E+03	9.093E+03
94	8.304E+03	8.575E+03	8.854E+03
95	8.082E+03	8.348E+03	8.621E+03
96	7.867E+03	8.128E+03	8.396E+03
97	7.658E+03	7.914E+03	8.178E+03
98	7.456E+03	7.707E+03	7.966E+03
99	7.260E+03	7.507E+03	7.761E+03
100	7.070E+03	7.312E+03	7.562E+03
101	6.886E+03	7.124E+03	7.368E+03
102	6.708E+03	6.941E+03	7.181E+03
103	6.534E+03	6.763E+03	6.999E+03
104	6.366E+03	6.591E+03	6.822E+03
105	6.203E+03	6.424E+03	6.651E+03
106	6.045E+03	6.261E+03	6.485E+03
107	5.892E+03	6.104E+03	6.323E+03
108	5.743E+03	5.951E+03	6.166E+03
109	5.598E+03	5.802E+03	6.014E+03
110	5.458E+03	5.658E+03	5.866E+03
111	5.321E+03	5.518E+03	5.722E+03
112	5.189E+03	5.382E+03	5.582E+03
113	5.060E+03	5.250E+03	5.446E+03
114	4.935E+03	5.121E+03	5.314E+03
115	4.814E+03	4.997E+03	5.186E+03
116	4.696E+03	4.876E+03	5.061E+03
117	4.582E+03	4.758E+03	4.940E+03
118	4.470E+03	4.643E+03	4.823E+03
119	4.362E+03	4.532E+03	4.708E+03
120	4.257E+03	4.424E+03	4.597E+03
121	4.155E+03	4.319E+03	4.489E+03
122	4.056E+03	4.217E+03	4.384E+03
123	3.960E+03	4.118E+03	4.281E+03
124	3.866E+03	4.021E+03	4.182E+03
125	3.775E+03	3.927E+03	4.085E+03