NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3M154F[R,B]

RESISTANCE(at25℃)	150000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3620 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.581E+006	3.742E+006	3.909E+006
-39	3.374E+006	3.523E+006	3.679E+006
-38	3.181E+006	3.319E+006	3.463E+006
-37	3.000E+006	3.128E+006	3.262E+006
-36	2.830E+006	2.950E+006	3.074E+006
-35	2.671E+006	2.782E+006	2.897E+006
-34	2.522E+006	2.625E+006	2.732E+006
-33	2.383E+006	2.478E+006	2.578E+006
-32	2.251E+006	2.340E+006	2.433E+006
-31	2.128E+006	2.211E+006	2.297E+006
-30	2.013E+006	2.090E+006	2.169E+006
-29	1.905E+006	1.976E+006	2.050E+006
-28	1.803E+006	1.870E+006	1.939E+006
-27	1.707E+006	1.769E+006	1.833E+006
-26	1.617E+006	1.675E+006	1.734E+006
-25	1.532E+006	1.586E+006	1.641E+006
-24	1.452E+006	1.502E+006	1.553E+006
-23	1.376E+006	1.423E+006	1.471E+006
-22	1.305E+006	1.348E+006	1.393E+006
-21	1.237E+006	1.278E+006	1.320E+006
-20	1.174E+006	1.212E+006	1.250E+006
-19	1.114E+006	1.149E+006	1.185E+006
-18	1.057E+006	1.090E+006	1.123E+006
-17	1.004E+006	1.034E+006	1.065E+006
-16	9.530E+005	9.815E+005	1.011E+006
-15	9.054E+005	9.319E+005	9.591E+005
-14	8.604E+005	8.852E+005	9.105E+005
-13	8.180E+005	8.410E+005	8.646E+005
-12	7.779E+005	7.993E+005	8.214E+005
-11	7.399E+005	7.600E+005	7.805E+005
-10	7.041E+005	7.228E+005	7.419E+005
-9	6.701E+005	6.875E+005	7.053E+005
-8	6.380E+005	6.542E+005	6.708E+005
-7	6.076E+005	6.227E+005	6.382E+005
-6	5.789E+005	5.930E+005	6.074E+005
-5	5.517E+005	5.649E+005	5.783E+005
-4	5.259E+005	5.383E+005	5.508E+005
-3	5.016E+005	5.131E+005	5.248E+005
-2	4.785E+005	4.892E+005	5.001E+005
-1	4.566E+005	4.666E+005	4.768E+005
0	4.359E+005	4.452E+005	4.547E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.359E+005	4.452E+005	4.547E+005
1	4.163E+005	4.250E+005	4.339E+005
2	3.977E+005	4.058E+005	4.141E+005
3	3.800E+005	3.876E+005	3.953E+005
4	3.632E+005	3.703E+005	3.774E+005
5	3.472E+005	3.538E+005	3.605E+005
6	3.320E+005	3.382E+005	3.444E+005
7	3.176E+005	3.233E+005	3.291E+005
8	3.038E+005	3.091E+005	3.145E+005
9	2.907E+005	2.957E+005	3.007E+005
10	2.782E+005	2.829E+005	2.875E+005
11	2.664E+005	2.707E+005	2.750E+005
12	2.551E+005	2.591E+005	2.631E+005
13	2.443E+005	2.480E+005	2.518E+005
14	2.341E+005	2.375E+005	2.410E+005
15	2.243E+005	2.275E+005	2.308E+005
16	2.150E+005	2.180E+005	2.210E+005
17	2.061E+005	2.089E+005	2.117E+005
18	1.977E+005	2.003E+005	2.028E+005
19	1.896E+005	1.920E+005	1.944E+005
20	1.819E+005	1.842E+005	1.864E+005
21	1.746E+005	1.767E+005	1.787E+005
22	1.676E+005	1.695E+005	1.714E+005
23	1.609E+005	1.627E+005	1.645E+005
24	1.546E+005	1.562E+005	1.578E+005
25	1.485E+005	1.500E+005	1.515E+005
26	1.426E+005	1.441E+005	1.456E+005
27	1.369E+005	1.384E+005	1.399E+005
28	1.315E+005	1.330E+005	1.345E+005
29	1.264E+005	1.279E+005	1.294E+005
30	1.215E+005	1.229E+005	1.244E+005
31	1.168E+005	1.182E+005	1.197E+005
32	1.123E+005	1.137E+005	1.152E+005
33	1.080E+005	1.094E+005	1.108E+005
34	1.039E+005	1.053E+005	1.067E+005
35	9.992E+004	1.013E+005	1.027E+005
36	9.615E+004	9.755E+004	9.895E+004
37	9.255E+004	9.393E+004	9.531E+004
38	8.911E+004	9.047E+004	9.183E+004
39	8.581E+004	8.715E+004	8.850E+004
40	8.265E+004	8.397E+004	8.531E+004

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TYPE	TH05-3M154F[R,B]

RESISTANCE(at25℃)	150000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3620 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	8.265E+004	8.397E+004	8.531E+004
41	7.964E+004	8.094E+004	8.226E+004
42	7.675E+004	7.803E+004	7.933E+004
43	7.398E+004	7.524E+004	7.652E+004
44	7.132E+004	7.257E+004	7.383E+004
45	6.877E+004	7.000E+004	7.124E+004
46	6.633E+004	6.754E+004	6.876E+004
47	6.399E+004	6.518E+004	6.638E+004
48	6.174E+004	6.291E+004	6.409E+004
49	5.958E+004	6.073E+004	6.189E+004
50	5.751E+004	5.863E+004	5.978E+004
51	5.551E+004	5.662E+004	5.774E+004
52	5.359E+004	5.468E+004	5.578E+004
53	5.174E+004	5.281E+004	5.390E+004
54	4.997E+004	5.102E+004	5.209E+004
55	4.827E+004	4.931E+004	5.035E+004
56	4.664E+004	4.765E+004	4.868E+004
57	4.507E+004	4.606E+004	4.708E+004
58	4.356E+004	4.454E+004	4.553E+004
59	4.211E+004	4.307E+004	4.404E+004
60	4.072E+004	4.166E+004	4.261E+004
61	3.938E+004	4.030E+004	4.124E+004
62	3.809E+004	3.900E+004	3.992E+004
63	3.686E+004	3.774E+004	3.865E+004
64	3.567E+004	3.654E+004	3.742E+004
65	3.452E+004	3.537E+004	3.624E+004
66	3.341E+004	3.425E+004	3.510E+004
67	3.235E+004	3.317E+004	3.400E+004
68	3.132E+004	3.212E+004	3.294E+004
69	3.033E+004	3.112E+004	3.192E+004
70	2.937E+004	3.015E+004	3.094E+004
71	2.845E+004	2.921E+004	2.998E+004
72	2.756E+004	2.830E+004	2.906E+004
73	2.670E+004	2.742E+004	2.817E+004
74	2.587E+004	2.658E+004	2.731E+004
75	2.507E+004	2.577E+004	2.648E+004
76	2.430E+004	2.499E+004	2.569E+004
77	2.356E+004	2.423E+004	2.492E+004
78	2.285E+004	2.350E+004	2.418E+004
79	2.216E+004	2.280E+004	2.346E+004
80	2.149E+004	2.213E+004	2.277E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.149E+004	2.213E+004	2.277E+004
81	2.086E+004	2.148E+004	2.211E+004
82	2.024E+004	2.085E+004	2.147E+004
83	1.965E+004	2.024E+004	2.086E+004
84	1.908E+004	1.966E+004	2.026E+004
85	1.852E+004	1.909E+004	1.968E+004
86	1.799E+004	1.855E+004	1.912E+004
87	1.747E+004	1.802E+004	1.858E+004
88	1.697E+004	1.751E+004	1.806E+004
89	1.649E+004	1.702E+004	1.756E+004
90	1.602E+004	1.654E+004	1.707E+004
91	1.557E+004	1.607E+004	1.660E+004
92	1.513E+004	1.563E+004	1.614E+004
93	1.471E+004	1.519E+004	1.569E+004
94	1.430E+004	1.477E+004	1.527E+004
95	1.390E+004	1.437E+004	1.485E+004
96	1.352E+004	1.397E+004	1.445E+004
97	1.314E+004	1.359E+004	1.406E+004
98	1.279E+004	1.323E+004	1.368E+004
99	1.244E+004	1.287E+004	1.332E+004
100	1.210E+004	1.253E+004	1.296E+004
101	1.178E+004	1.219E+004	1.262E+004
102	1.146E+004	1.187E+004	1.229E+004
103	1.116E+004	1.156E+004	1.197E+004
104	1.086E+004	1.125E+004	1.166E+004
105	1.057E+004	1.096E+004	1.136E+004
106	1.030E+004	1.067E+004	1.106E+004
107	1.003E+004	1.040E+004	1.078E+004
108	9.766E+003	1.013E+004	1.050E+004
109	9.513E+003	9.869E+003	1.024E+004
110	9.268E+003	9.617E+003	9.978E+003
111	9.030E+003	9.373E+003	9.728E+003
112	8.800E+003	9.136E+003	9.484E+003
113	8.577E+003	8.906E+003	9.248E+003
114	8.360E+003	8.683E+003	9.018E+003
115	8.149E+003	8.466E+003	8.795E+003
116	7.944E+003	8.256E+003	8.578E+003
117	7.746E+003	8.051E+003	8.368E+003
118	7.553E+003	7.852E+003	8.163E+003
119	7.365E+003	7.659E+003	7.964E+003
120	7.183E+003	7.472E+003	7.771E+003
121	7.006E+003	7.289E+003	7.583E+003
122	6.834E+003	7.112E+003	7.401E+003
123	6.667E+003	6.940E+003	7.223E+003
124	6.505E+003	6.772E+003	7.050E+003
125	6.347E+003	6.609E+003	6.882E+003