NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-4F104F[R,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4250 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.857E+006	4.054E+006	4.260E+006
-39	3.629E+006	3.811E+006	4.002E+006
-38	3.414E+006	3.583E+006	3.759E+006
-37	3.211E+006	3.367E+006	3.531E+006
-36	3.020E+006	3.165E+006	3.316E+006
-35	2.841E+006	2.974E+006	3.114E+006
-34	2.671E+006	2.795E+006	2.924E+006
-33	2.512E+006	2.626E+006	2.745E+006
-32	2.362E+006	2.468E+006	2.578E+006
-31	2.221E+006	2.319E+006	2.420E+006
-30	2.089E+006	2.179E+006	2.273E+006
-29	1.963E+006	2.046E+006	2.133E+006
-28	1.845E+006	1.922E+006	2.002E+006
-27	1.735E+006	1.806E+006	1.880E+006
-26	1.631E+006	1.697E+006	1.765E+006
-25	1.534E+006	1.595E+006	1.658E+006
-24	1.443E+006	1.499E+006	1.557E+006
-23	1.358E+006	1.409E+006	1.463E+006
-22	1.277E+006	1.325E+006	1.375E+006
-21	1.202E+006	1.246E+006	1.292E+006
-20	1.132E+006	1.172E+006	1.214E+006
-19	1.065E+006	1.103E+006	1.142E+006
-18	1.003E+006	1.038E+006	1.073E+006
-17	9.443E+005	9.764E+005	1.009E+006
-16	8.895E+005	9.192E+005	9.497E+005
-15	8.381E+005	8.655E+005	8.937E+005
-14	7.899E+005	8.152E+005	8.412E+005
-13	7.447E+005	7.680E+005	7.920E+005
-12	7.022E+005	7.238E+005	7.459E+005
-11	6.623E+005	6.823E+005	7.027E+005
-10	6.249E+005	6.433E+005	6.622E+005
-9	5.897E+005	6.067E+005	6.241E+005
-8	5.567E+005	5.724E+005	5.884E+005
-7	5.257E+005	5.401E+005	5.550E+005
-6	4.965E+005	5.099E+005	5.236E+005
-5	4.691E+005	4.815E+005	4.941E+005
-4	4.434E+005	4.548E+005	4.665E+005
-3	4.192E+005	4.297E+005	4.405E+005
-2	3.965E+005	4.062E+005	4.161E+005
-1	3.751E+005	3.840E+005	3.932E+005
0	3.549E+005	3.632E+005	3.717E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.549E+005	3.632E+005	3.717E+005
1	3.360E+005	3.436E+005	3.514E+005
2	3.181E+005	3.252E+005	3.324E+005
3	3.013E+005	3.079E+005	3.145E+005
4	2.855E+005	2.915E+005	2.976E+005
5	2.706E+005	2.762E+005	2.818E+005
6	2.566E+005	2.617E+005	2.669E+005
7	2.433E+005	2.481E+005	2.528E+005
8	2.309E+005	2.352E+005	2.396E+005
9	2.191E+005	2.231E+005	2.272E+005
10	2.080E+005	2.117E+005	2.154E+005
11	1.975E+005	2.009E+005	2.044E+005
12	1.876E+005	1.908E+005	1.939E+005
13	1.783E+005	1.812E+005	1.841E+005
14	1.695E+005	1.721E+005	1.748E+005
15	1.611E+005	1.636E+005	1.660E+005
16	1.533E+005	1.555E+005	1.578E+005
17	1.458E+005	1.479E+005	1.499E+005
18	1.388E+005	1.407E+005	1.426E+005
19	1.321E+005	1.338E+005	1.356E+005
20	1.258E+005	1.274E+005	1.290E+005
21	1.199E+005	1.213E+005	1.228E+005
22	1.142E+005	1.155E+005	1.169E+005
23	1.089E+005	1.101E+005	1.113E+005
24	1.038E+005	1.049E+005	1.060E+005
25	9.900E+004	1.000E+005	1.010E+005
26	9.436E+004	9.536E+004	9.636E+004
27	8.997E+004	9.096E+004	9.196E+004
28	8.580E+004	8.679E+004	8.778E+004
29	8.185E+004	8.284E+004	8.382E+004
30	7.811E+004	7.909E+004	8.007E+004
31	7.456E+004	7.553E+004	7.650E+004
32	7.120E+004	7.215E+004	7.311E+004
33	6.800E+004	6.894E+004	6.989E+004
34	6.497E+004	6.590E+004	6.684E+004
35	6.209E+004	6.301E+004	6.393E+004
36	5.935E+004	6.026E+004	6.117E+004
37	5.675E+004	5.764E+004	5.854E+004
38	5.428E+004	5.516E+004	5.604E+004
39	5.193E+004	5.280E+004	5.367E+004
40	4.970E+004	5.055E+004	5.140E+004

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TYPE	TH05-4F104F[R,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4250 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.970E+004	5.055E+004	5.140E+004
41	4.758E+004	4.841E+004	4.925E+004
42	4.556E+004	4.637E+004	4.720E+004
43	4.363E+004	4.443E+004	4.524E+004
44	4.180E+004	4.259E+004	4.338E+004
45	4.006E+004	4.083E+004	4.161E+004
46	3.840E+004	3.915E+004	3.992E+004
47	3.682E+004	3.756E+004	3.830E+004
48	3.531E+004	3.603E+004	3.677E+004
49	3.387E+004	3.458E+004	3.530E+004
50	3.250E+004	3.319E+004	3.390E+004
51	3.120E+004	3.187E+004	3.256E+004
52	2.995E+004	3.061E+004	3.129E+004
53	2.876E+004	2.941E+004	3.007E+004
54	2.762E+004	2.826E+004	2.890E+004
55	2.654E+004	2.716E+004	2.779E+004
56	2.550E+004	2.611E+004	2.672E+004
57	2.451E+004	2.510E+004	2.571E+004
58	2.357E+004	2.415E+004	2.474E+004
59	2.266E+004	2.323E+004	2.381E+004
60	2.180E+004	2.235E+004	2.292E+004
61	2.097E+004	2.151E+004	2.206E+004
62	2.018E+004	2.071E+004	2.125E+004
63	1.943E+004	1.994E+004	2.047E+004
64	1.870E+004	1.921E+004	1.972E+004
65	1.801E+004	1.850E+004	1.900E+004
66	1.735E+004	1.783E+004	1.832E+004
67	1.671E+004	1.718E+004	1.766E+004
68	1.610E+004	1.656E+004	1.703E+004
69	1.552E+004	1.597E+004	1.643E+004
70	1.496E+004	1.540E+004	1.585E+004
71	1.443E+004	1.486E+004	1.529E+004
72	1.392E+004	1.433E+004	1.476E+004
73	1.342E+004	1.383E+004	1.425E+004
74	1.295E+004	1.335E+004	1.376E+004
75	1.250E+004	1.289E+004	1.329E+004
76	1.207E+004	1.244E+004	1.283E+004
77	1.165E+004	1.202E+004	1.240E+004
78	1.125E+004	1.161E+004	1.198E+004
79	1.086E+004	1.122E+004	1.158E+004
80	1.050E+004	1.084E+004	1.119E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.050E+004	1.084E+004	1.119E+004
81	1.014E+004	1.048E+004	1.082E+004
82	9.800E+003	1.013E+004	1.047E+004
83	9.473E+003	9.793E+003	1.012E+004
84	9.158E+003	9.471E+003	9.794E+003
85	8.856E+003	9.161E+003	9.477E+003
86	8.565E+003	8.863E+003	9.171E+003
87	8.285E+003	8.577E+003	8.878E+003
88	8.016E+003	8.301E+003	8.595E+003
89	7.757E+003	8.035E+003	8.323E+003
90	7.508E+003	7.780E+003	8.061E+003
91	7.268E+003	7.534E+003	7.808E+003
92	7.037E+003	7.297E+003	7.565E+003
93	6.815E+003	7.068E+003	7.331E+003
94	6.601E+003	6.848E+003	7.105E+003
95	6.394E+003	6.636E+003	6.887E+003
96	6.196E+003	6.432E+003	6.677E+003
97	6.004E+003	6.235E+003	6.475E+003
98	5.819E+003	6.045E+003	6.279E+003
99	5.641E+003	5.862E+003	6.091E+003
100	5.470E+003	5.686E+003	5.910E+003
101	5.304E+003	5.515E+003	5.734E+003
102	5.145E+003	5.351E+003	5.565E+003
103	4.991E+003	5.193E+003	5.402E+003
104	4.842E+003	5.040E+003	5.244E+003
105	4.699E+003	4.892E+003	5.092E+003
106	4.561E+003	4.749E+003	4.945E+003
107	4.427E+003	4.611E+003	4.803E+003
108	4.298E+003	4.478E+003	4.666E+003
109	4.174E+003	4.350E+003	4.533E+003
110	4.053E+003	4.226E+003	4.405E+003
111	3.937E+003	4.106E+003	4.281E+003
112	3.825E+003	3.990E+003	4.162E+003
113	3.716E+003	3.878E+003	4.046E+003
114	3.612E+003	3.770E+003	3.934E+003
115	3.510E+003	3.665E+003	3.826E+003
116	3.412E+003	3.564E+003	3.721E+003
117	3.318E+003	3.466E+003	3.620E+003
118	3.226E+003	3.371E+003	3.522E+003
119	3.137E+003	3.279E+003	3.427E+003
120	3.052E+003	3.190E+003	3.335E+003
121	2.969E+003	3.105E+003	3.246E+003
122	2.888E+003	3.021E+003	3.160E+003
123	2.811E+003	2.941E+003	3.077E+003
124	2.735E+003	2.863E+003	2.996E+003
125	2.663E+003	2.788E+003	2.918E+003