NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-3M104F[T,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3590 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.342E+006	2.446E+006	2.555E+006
-39	2.206E+006	2.303E+006	2.404E+006
-38	2.079E+006	2.169E+006	2.262E+006
-37	1.960E+006	2.044E+006	2.131E+006
-36	1.849E+006	1.927E+006	2.007E+006
-35	1.745E+006	1.817E+006	1.892E+006
-34	1.647E+006	1.714E+006	1.784E+006
-33	1.556E+006	1.618E+006	1.682E+006
-32	1.470E+006	1.528E+006	1.588E+006
-31	1.390E+006	1.443E+006	1.499E+006
-30	1.314E+006	1.364E+006	1.415E+006
-29	1.243E+006	1.289E+006	1.337E+006
-28	1.176E+006	1.219E+006	1.264E+006
-27	1.113E+006	1.154E+006	1.195E+006
-26	1.054E+006	1.092E+006	1.131E+006
-25	9.989E+005	1.034E+006	1.070E+006
-24	9.467E+005	9.791E+005	1.013E+006
-23	8.974E+005	9.277E+005	9.589E+005
-22	8.511E+005	8.792E+005	9.083E+005
-21	8.073E+005	8.336E+005	8.607E+005
-20	7.661E+005	7.906E+005	8.158E+005
-19	7.272E+005	7.500E+005	7.735E+005
-18	6.905E+005	7.118E+005	7.336E+005
-17	6.559E+005	6.757E+005	6.961E+005
-16	6.232E+005	6.417E+005	6.607E+005
-15	5.924E+005	6.096E+005	6.273E+005
-14	5.632E+005	5.793E+005	5.958E+005
-13	5.358E+005	5.508E+005	5.661E+005
-12	5.098E+005	5.238E+005	5.381E+005
-11	4.852E+005	4.983E+005	5.117E+005
-10	4.620E+005	4.742E+005	4.867E+005
-9	4.401E+005	4.515E+005	4.631E+005
-8	4.193E+005	4.300E+005	4.408E+005
-7	3.997E+005	4.096E+005	4.197E+005
-6	3.810E+005	3.903E+005	3.997E+005
-5	3.634E+005	3.720E+005	3.808E+005
-4	3.466E+005	3.547E+005	3.629E+005
-3	3.307E+005	3.383E+005	3.459E+005
-2	3.157E+005	3.227E+005	3.299E+005
-1	3.014E+005	3.079E+005	3.146E+005
0	2.878E+005	2.939E+005	3.001E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.878E+005	2.939E+005	3.001E+005
1	2.749E+005	2.806E+005	2.864E+005
2	2.626E+005	2.680E+005	2.734E+005
3	2.510E+005	2.560E+005	2.610E+005
4	2.399E+005	2.446E+005	2.493E+005
5	2.294E+005	2.338E+005	2.382E+005
6	2.195E+005	2.235E+005	2.276E+005
7	2.100E+005	2.137E+005	2.176E+005
8	2.009E+005	2.045E+005	2.080E+005
9	1.924E+005	1.956E+005	1.989E+005
10	1.842E+005	1.872E+005	1.903E+005
11	1.764E+005	1.793E+005	1.821E+005
12	1.690E+005	1.716E+005	1.743E+005
13	1.619E+005	1.644E+005	1.669E+005
14	1.552E+005	1.575E+005	1.598E+005
15	1.488E+005	1.510E+005	1.531E+005
16	1.427E+005	1.447E+005	1.467E+005
17	1.369E+005	1.388E+005	1.406E+005
18	1.314E+005	1.331E+005	1.348E+005
19	1.261E+005	1.277E+005	1.293E+005
20	1.210E+005	1.225E+005	1.240E+005
21	1.162E+005	1.176E+005	1.189E+005
22	1.116E+005	1.129E+005	1.141E+005
23	1.072E+005	1.084E+005	1.096E+005
24	1.030E+005	1.041E+005	1.052E+005
25	9.900E+004	1.000E+005	1.010E+005
26	9.509E+004	9.609E+004	9.709E+004
27	9.136E+004	9.235E+004	9.335E+004
28	8.779E+004	8.878E+004	8.978E+004
29	8.438E+004	8.537E+004	8.636E+004
30	8.112E+004	8.210E+004	8.309E+004
31	7.800E+004	7.898E+004	7.996E+004
32	7.503E+004	7.599E+004	7.697E+004
33	7.218E+004	7.314E+004	7.410E+004
34	6.945E+004	7.040E+004	7.136E+004
35	6.685E+004	6.778E+004	6.873E+004
36	6.435E+004	6.528E+004	6.622E+004
37	6.196E+004	6.288E+004	6.381E+004
38	5.968E+004	6.058E+004	6.150E+004
39	5.749E+004	5.838E+004	5.928E+004
40	5.539E+004	5.627E+004	5.716E+004

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-3M104F[T,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3590 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.539E+004	5.627E+004	5.716E+004
41	5.338E+004	5.425E+004	5.513E+004
42	5.146E+004	5.231E+004	5.318E+004
43	4.961E+004	5.046E+004	5.131E+004
44	4.784E+004	4.868E+004	4.952E+004
45	4.615E+004	4.697E+004	4.780E+004
46	4.452E+004	4.533E+004	4.614E+004
47	4.296E+004	4.375E+004	4.456E+004
48	4.146E+004	4.224E+004	4.303E+004
49	4.002E+004	4.079E+004	4.157E+004
50	3.864E+004	3.940E+004	4.016E+004
51	3.731E+004	3.805E+004	3.881E+004
52	3.604E+004	3.677E+004	3.751E+004
53	3.481E+004	3.553E+004	3.626E+004
54	3.363E+004	3.434E+004	3.505E+004
55	3.250E+004	3.319E+004	3.390E+004
56	3.141E+004	3.209E+004	3.278E+004
57	3.037E+004	3.103E+004	3.171E+004
58	2.936E+004	3.002E+004	3.068E+004
59	2.839E+004	2.904E+004	2.969E+004
60	2.746E+004	2.810E+004	2.874E+004
61	2.657E+004	2.719E+004	2.782E+004
62	2.571E+004	2.631E+004	2.693E+004
63	2.488E+004	2.547E+004	2.608E+004
64	2.408E+004	2.466E+004	2.526E+004
65	2.331E+004	2.388E+004	2.447E+004
66	2.257E+004	2.313E+004	2.370E+004
67	2.186E+004	2.241E+004	2.297E+004
68	2.117E+004	2.171E+004	2.226E+004
69	2.051E+004	2.104E+004	2.158E+004
70	1.987E+004	2.039E+004	2.092E+004
71	1.926E+004	1.977E+004	2.029E+004
72	1.867E+004	1.917E+004	1.968E+004
73	1.810E+004	1.859E+004	1.910E+004
74	1.755E+004	1.804E+004	1.853E+004
75	1.703E+004	1.750E+004	1.798E+004
76	1.651E+004	1.698E+004	1.745E+004
77	1.602E+004	1.648E+004	1.694E+004
78	1.555E+004	1.599E+004	1.645E+004
79	1.509E+004	1.552E+004	1.597E+004
80	1.464E+004	1.507E+004	1.551E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.464E+004	1.507E+004	1.551E+004
81	1.421E+004	1.463E+004	1.506E+004
82	1.380E+004	1.421E+004	1.463E+004
83	1.340E+004	1.380E+004	1.422E+004
84	1.301E+004	1.341E+004	1.381E+004
85	1.264E+004	1.303E+004	1.342E+004
86	1.228E+004	1.266E+004	1.305E+004
87	1.193E+004	1.230E+004	1.268E+004
88	1.159E+004	1.195E+004	1.233E+004
89	1.126E+004	1.162E+004	1.199E+004
90	1.094E+004	1.129E+004	1.165E+004
91	1.063E+004	1.098E+004	1.133E+004
92	1.033E+004	1.067E+004	1.102E+004
93	1.004E+004	1.038E+004	1.072E+004
94	9.765E+003	1.009E+004	1.042E+004
95	9.495E+003	9.813E+003	1.014E+004
96	9.233E+003	9.545E+003	9.866E+003
97	8.980E+003	9.285E+003	9.600E+003
98	8.735E+003	9.034E+003	9.343E+003
99	8.497E+003	8.791E+003	9.094E+003
100	8.268E+003	8.556E+003	8.853E+003
101	8.046E+003	8.328E+003	8.620E+003
102	7.831E+003	8.108E+003	8.394E+003
103	7.622E+003	7.894E+003	8.174E+003
104	7.420E+003	7.687E+003	7.962E+003
105	7.225E+003	7.486E+003	7.756E+003
106	7.035E+003	7.292E+003	7.556E+003
107	6.852E+003	7.103E+003	7.363E+003
108	6.673E+003	6.920E+003	7.175E+003
109	6.501E+003	6.743E+003	6.993E+003
110	6.333E+003	6.571E+003	6.816E+003
111	6.171E+003	6.404E+003	6.645E+003
112	6.014E+003	6.242E+003	6.479E+003
113	5.861E+003	6.085E+003	6.317E+003
114	5.713E+003	5.933E+003	6.161E+003
115	5.570E+003	5.785E+003	6.009E+003
116	5.430E+003	5.642E+003	5.861E+003
117	5.295E+003	5.502E+003	5.717E+003
118	5.163E+003	5.367E+003	5.578E+003
119	5.036E+003	5.236E+003	5.443E+003
120	4.912E+003	5.108E+003	5.311E+003
121	4.791E+003	4.984E+003	5.184E+003
122	4.675E+003	4.863E+003	5.059E+003
123	4.561E+003	4.746E+003	4.939E+003
124	4.451E+003	4.632E+003	4.821E+003
125	4.343E+003	4.522E+003	4.707E+003