NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-4V105G[T,B]

RESISTANCE(at25℃)	1000000 Ω	R-TOLERANCE(±)	2 %
B-VALUE(25/50℃)	4900 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	7.048E+007	7.529E+007	8.039E+007
-39	6.524E+007	6.963E+007	7.429E+007
-38	6.041E+007	6.442E+007	6.867E+007
-37	5.596E+007	5.962E+007	6.350E+007
-36	5.186E+007	5.520E+007	5.874E+007
-35	4.807E+007	5.113E+007	5.435E+007
-34	4.457E+007	4.737E+007	5.031E+007
-33	4.135E+007	4.390E+007	4.659E+007
-32	3.837E+007	4.070E+007	4.316E+007
-31	3.561E+007	3.775E+007	3.999E+007
-30	3.307E+007	3.502E+007	3.708E+007
-29	3.071E+007	3.250E+007	3.438E+007
-28	2.854E+007	3.017E+007	3.189E+007
-27	2.653E+007	2.802E+007	2.959E+007
-26	2.466E+007	2.604E+007	2.747E+007
-25	2.294E+007	2.420E+007	2.551E+007
-24	2.135E+007	2.250E+007	2.370E+007
-23	1.987E+007	2.093E+007	2.203E+007
-22	1.851E+007	1.947E+007	2.048E+007
-21	1.724E+007	1.813E+007	1.905E+007
-20	1.606E+007	1.688E+007	1.773E+007
-19	1.498E+007	1.572E+007	1.650E+007
-18	1.397E+007	1.465E+007	1.536E+007
-17	1.303E+007	1.366E+007	1.431E+007
-16	1.216E+007	1.274E+007	1.334E+007
-15	1.135E+007	1.188E+007	1.243E+007
-14	1.060E+007	1.109E+007	1.159E+007
-13	9.905E+006	1.035E+007	1.082E+007
-12	9.258E+006	9.669E+006	1.010E+007
-11	8.656E+006	9.035E+006	9.426E+006
-10	8.097E+006	8.444E+006	8.804E+006
-9	7.576E+006	7.896E+006	8.226E+006
-8	7.091E+006	7.385E+006	7.689E+006
-7	6.640E+006	6.911E+006	7.189E+006
-6	6.220E+006	6.469E+006	6.725E+006
-5	5.828E+006	6.058E+006	6.293E+006
-4	5.464E+006	5.675E+006	5.892E+006
-3	5.124E+006	5.318E+006	5.517E+006
-2	4.806E+006	4.986E+006	5.169E+006
-1	4.511E+006	4.676E+006	4.845E+006
0	4.235E+006	4.387E+006	4.542E+006

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.235E+006	4.387E+006	4.542E+006
1	3.977E+006	4.117E+006	4.260E+006
2	3.736E+006	3.865E+006	3.997E+006
3	3.511E+006	3.630E+006	3.752E+006
4	3.301E+006	3.411E+006	3.523E+006
5	3.105E+006	3.206E+006	3.309E+006
6	2.921E+006	3.014E+006	3.109E+006
7	2.749E+006	2.835E+006	2.923E+006
8	2.589E+006	2.668E+006	2.748E+006
9	2.438E+006	2.511E+006	2.585E+006
10	2.297E+006	2.364E+006	2.433E+006
11	2.165E+006	2.227E+006	2.290E+006
12	2.041E+006	2.099E+006	2.157E+006
13	1.925E+006	1.978E+006	2.032E+006
14	1.817E+006	1.865E+006	1.915E+006
15	1.715E+006	1.760E+006	1.805E+006
16	1.619E+006	1.660E+006	1.702E+006
17	1.529E+006	1.567E+006	1.606E+006
18	1.445E+006	1.480E+006	1.515E+006
19	1.365E+006	1.398E+006	1.431E+006
20	1.291E+006	1.321E+006	1.351E+006
21	1.221E+006	1.248E+006	1.276E+006
22	1.155E+006	1.181E+006	1.206E+006
23	1.093E+006	1.117E+006	1.140E+006
24	1.035E+006	1.057E+006	1.078E+006
25	9.800E+005	1.000E+006	1.020E+006
26	9.274E+005	9.468E+005	9.663E+005
27	8.779E+005	8.968E+005	9.157E+005
28	8.313E+005	8.496E+005	8.680E+005
29	7.874E+005	8.052E+005	8.231E+005
30	7.461E+005	7.634E+005	7.808E+005
31	7.072E+005	7.240E+005	7.409E+005
32	6.706E+005	6.868E+005	7.032E+005
33	6.360E+005	6.518E+005	6.677E+005
34	6.034E+005	6.187E+005	6.341E+005
35	5.727E+005	5.875E+005	6.025E+005
36	5.437E+005	5.581E+005	5.726E+005
37	5.164E+005	5.303E+005	5.443E+005
38	4.905E+005	5.040E+005	5.176E+005
39	4.661E+005	4.792E+005	4.924E+005
40	4.431E+005	4.557E+005	4.685E+005

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-4V105G[T,B]

RESISTANCE(at25℃)	1000000 Ω	R-TOLERANCE(±)	2 %
B-VALUE(25/50℃)	4900 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.431E+005	4.557E+005	4.685E+005
41	4.213E+005	4.335E+005	4.459E+005
42	4.007E+005	4.126E+005	4.246E+005
43	3.813E+005	3.927E+005	4.043E+005
44	3.629E+005	3.739E+005	3.852E+005
45	3.455E+005	3.562E+005	3.671E+005
46	3.290E+005	3.393E+005	3.499E+005
47	3.134E+005	3.234E+005	3.336E+005
48	2.986E+005	3.083E+005	3.182E+005
49	2.846E+005	2.940E+005	3.036E+005
50	2.713E+005	2.804E+005	2.897E+005
51	2.588E+005	2.676E+005	2.765E+005
52	2.469E+005	2.554E+005	2.641E+005
53	2.356E+005	2.438E+005	2.522E+005
54	2.248E+005	2.328E+005	2.409E+005
55	2.147E+005	2.224E+005	2.303E+005
56	2.050E+005	2.125E+005	2.201E+005
57	1.959E+005	2.031E+005	2.105E+005
58	1.872E+005	1.941E+005	2.013E+005
59	1.789E+005	1.856E+005	1.926E+005
60	1.710E+005	1.776E+005	1.843E+005
61	1.636E+005	1.699E+005	1.764E+005
62	1.565E+005	1.626E+005	1.689E+005
63	1.497E+005	1.556E+005	1.617E+005
64	1.433E+005	1.490E+005	1.549E+005
65	1.372E+005	1.427E+005	1.484E+005
66	1.314E+005	1.367E+005	1.423E+005
67	1.258E+005	1.310E+005	1.364E+005
68	1.205E+005	1.256E+005	1.308E+005
69	1.155E+005	1.204E+005	1.254E+005
70	1.107E+005	1.155E+005	1.203E+005
71	1.062E+005	1.108E+005	1.155E+005
72	1.018E+005	1.063E+005	1.108E+005
73	9.769E+004	1.020E+005	1.064E+005
74	9.374E+004	9.789E+004	1.022E+005
75	8.996E+004	9.399E+004	9.816E+004
76	8.637E+004	9.027E+004	9.431E+004
77	8.293E+004	8.671E+004	9.063E+004
78	7.965E+004	8.332E+004	8.712E+004
79	7.652E+004	8.008E+004	8.376E+004
80	7.353E+004	7.698E+004	8.055E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	7.353E+004	7.698E+004	8.055E+004
81	7.067E+004	7.401E+004	7.748E+004
82	6.794E+004	7.118E+004	7.455E+004
83	6.533E+004	6.848E+004	7.174E+004
84	6.284E+004	6.589E+004	6.905E+004
85	6.045E+004	6.341E+004	6.648E+004
86	5.817E+004	6.104E+004	6.402E+004
87	5.599E+004	5.877E+004	6.167E+004
88	5.390E+004	5.660E+004	5.941E+004
89	5.190E+004	5.452E+004	5.725E+004
90	4.998E+004	5.253E+004	5.518E+004
91	4.815E+004	5.062E+004	5.319E+004
92	4.639E+004	4.879E+004	5.129E+004
93	4.471E+004	4.704E+004	4.947E+004
94	4.310E+004	4.536E+004	4.772E+004
95	4.155E+004	4.375E+004	4.604E+004
96	4.007E+004	4.220E+004	4.443E+004
97	3.865E+004	4.072E+004	4.288E+004
98	3.729E+004	3.930E+004	4.140E+004
99	3.598E+004	3.794E+004	3.998E+004
100	3.473E+004	3.663E+004	3.861E+004
101	3.352E+004	3.537E+004	3.730E+004
102	3.237E+004	3.416E+004	3.604E+004
103	3.126E+004	3.300E+004	3.483E+004
104	3.019E+004	3.189E+004	3.367E+004
105	2.917E+004	3.082E+004	3.255E+004
106	2.819E+004	2.979E+004	3.147E+004
107	2.724E+004	2.880E+004	3.044E+004
108	2.634E+004	2.785E+004	2.944E+004
109	2.546E+004	2.694E+004	2.849E+004
110	2.462E+004	2.606E+004	2.757E+004
111	2.382E+004	2.521E+004	2.668E+004
112	2.304E+004	2.440E+004	2.583E+004
113	2.229E+004	2.362E+004	2.501E+004
114	2.158E+004	2.286E+004	2.422E+004
115	2.088E+004	2.214E+004	2.346E+004
116	2.022E+004	2.144E+004	2.273E+004
117	1.958E+004	2.077E+004	2.202E+004
118	1.896E+004	2.012E+004	2.134E+004
119	1.837E+004	1.949E+004	2.068E+004
120	1.779E+004	1.889E+004	2.005E+004
121	1.724E+004	1.831E+004	1.944E+004
122	1.671E+004	1.775E+004	1.885E+004
123	1.620E+004	1.722E+004	1.829E+004
124	1.570E+004	1.670E+004	1.774E+004
125	1.523E+004	1.619E+004	1.721E+004