NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3M683J [T,B]

RESISTANCE(at25℃)	68000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3600 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.459E+006	1.699E+006	1.974E+006
-39	1.376E+006	1.599E+006	1.854E+006
-38	1.298E+006	1.506E+006	1.743E+006
-37	1.226E+006	1.419E+006	1.638E+006
-36	1.157E+006	1.337E+006	1.541E+006
-35	1.093E+006	1.260E+006	1.450E+006
-34	1.033E+006	1.189E+006	1.365E+006
-33	9.764E+005	1.122E+006	1.285E+006
-32	9.233E+005	1.059E+006	1.211E+006
-31	8.735E+005	9.998E+005	1.141E+006
-30	8.266E+005	9.444E+005	1.076E+006
-29	7.827E+005	8.926E+005	1.015E+006
-28	7.413E+005	8.439E+005	9.583E+005
-27	7.024E+005	7.982E+005	9.047E+005
-26	6.657E+005	7.551E+005	8.544E+005
-25	6.311E+005	7.147E+005	8.072E+005
-24	5.986E+005	6.766E+005	7.629E+005
-23	5.679E+005	6.408E+005	7.212E+005
-22	5.389E+005	6.071E+005	6.821E+005
-21	5.116E+005	5.753E+005	6.453E+005
-20	4.858E+005	5.454E+005	6.107E+005
-19	4.614E+005	5.171E+005	5.781E+005
-18	4.384E+005	4.905E+005	5.475E+005
-17	4.167E+005	4.655E+005	5.187E+005
-16	3.962E+005	4.418E+005	4.915E+005
-15	3.768E+005	4.195E+005	4.660E+005
-14	3.585E+005	3.985E+005	4.419E+005
-13	3.412E+005	3.787E+005	4.192E+005
-12	3.248E+005	3.599E+005	3.978E+005
-11	3.093E+005	3.422E+005	3.776E+005
-10	2.947E+005	3.255E+005	3.586E+005
-9	2.808E+005	3.097E+005	3.407E+005
-8	2.676E+005	2.947E+005	3.237E+005
-7	2.552E+005	2.806E+005	3.077E+005
-6	2.434E+005	2.672E+005	2.926E+005
-5	2.322E+005	2.545E+005	2.783E+005
-4	2.216E+005	2.426E+005	2.648E+005
-3	2.116E+005	2.312E+005	2.521E+005
-2	2.020E+005	2.205E+005	2.400E+005
-1	1.930E+005	2.103E+005	2.286E+005
0	1.844E+005	2.007E+005	2.178E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.844E+005	2.007E+005	2.178E+005
1	1.763E+005	1.915E+005	2.076E+005
2	1.685E+005	1.828E+005	1.979E+005
3	1.611E+005	1.746E+005	1.887E+005
4	1.542E+005	1.668E+005	1.800E+005
5	1.475E+005	1.594E+005	1.718E+005
6	1.412E+005	1.523E+005	1.639E+005
7	1.352E+005	1.457E+005	1.565E+005
8	1.295E+005	1.393E+005	1.495E+005
9	1.240E+005	1.333E+005	1.428E+005
10	1.188E+005	1.275E+005	1.365E+005
11	1.139E+005	1.221E+005	1.305E+005
12	1.092E+005	1.169E+005	1.248E+005
13	1.047E+005	1.119E+005	1.193E+005
14	1.005E+005	1.072E+005	1.142E+005
15	9.640E+004	1.028E+005	1.093E+005
16	9.252E+004	9.849E+004	1.046E+005
17	8.882E+004	9.443E+004	1.001E+005
18	8.528E+004	9.055E+004	9.591E+004
19	8.190E+004	8.686E+004	9.188E+004
20	7.868E+004	8.334E+004	8.804E+004
21	7.560E+004	7.998E+004	8.439E+004
22	7.266E+004	7.677E+004	8.090E+004
23	6.985E+004	7.371E+004	7.758E+004
24	6.717E+004	7.079E+004	7.442E+004
25	6.460E+004	6.800E+004	7.140E+004
26	6.199E+004	6.534E+004	6.869E+004
27	5.951E+004	6.279E+004	6.609E+004
28	5.714E+004	6.036E+004	6.361E+004
29	5.487E+004	5.804E+004	6.123E+004
30	5.271E+004	5.582E+004	5.896E+004
31	5.065E+004	5.369E+004	5.678E+004
32	4.867E+004	5.166E+004	5.470E+004
33	4.679E+004	4.972E+004	5.270E+004
34	4.499E+004	4.786E+004	5.079E+004
35	4.327E+004	4.608E+004	4.896E+004
36	4.162E+004	4.438E+004	4.720E+004
37	4.004E+004	4.274E+004	4.552E+004
38	3.853E+004	4.118E+004	4.390E+004
39	3.709E+004	3.968E+004	4.235E+004
40	3.571E+004	3.825E+004	4.086E+004

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3M683J [T,B]

RESISTANCE(at25℃)	68000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3600 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.571E+004	3.825E+004	4.086E+004
41	3.438E+004	3.687E+004	3.943E+004
42	3.311E+004	3.554E+004	3.806E+004
43	3.190E+004	3.427E+004	3.674E+004
44	3.073E+004	3.306E+004	3.547E+004
45	2.961E+004	3.189E+004	3.426E+004
46	2.854E+004	3.077E+004	3.309E+004
47	2.752E+004	2.969E+004	3.196E+004
48	2.653E+004	2.866E+004	3.089E+004
49	2.559E+004	2.767E+004	2.985E+004
50	2.468E+004	2.672E+004	2.885E+004
51	2.381E+004	2.581E+004	2.790E+004
52	2.298E+004	2.493E+004	2.697E+004
53	2.218E+004	2.409E+004	2.609E+004
54	2.141E+004	2.328E+004	2.524E+004
55	2.068E+004	2.250E+004	2.442E+004
56	1.997E+004	2.175E+004	2.363E+004
57	1.929E+004	2.103E+004	2.287E+004
58	1.863E+004	2.033E+004	2.213E+004
59	1.800E+004	1.967E+004	2.143E+004
60	1.740E+004	1.902E+004	2.075E+004
61	1.682E+004	1.840E+004	2.009E+004
62	1.626E+004	1.781E+004	1.946E+004
63	1.572E+004	1.724E+004	1.885E+004
64	1.520E+004	1.668E+004	1.827E+004
65	1.470E+004	1.615E+004	1.770E+004
66	1.422E+004	1.564E+004	1.716E+004
67	1.376E+004	1.515E+004	1.663E+004
68	1.332E+004	1.467E+004	1.613E+004
69	1.289E+004	1.422E+004	1.564E+004
70	1.248E+004	1.378E+004	1.517E+004
71	1.209E+004	1.335E+004	1.472E+004
72	1.171E+004	1.294E+004	1.428E+004
73	1.134E+004	1.255E+004	1.386E+004
74	1.099E+004	1.217E+004	1.345E+004
75	1.065E+004	1.181E+004	1.306E+004
76	1.032E+004	1.145E+004	1.268E+004
77	1.000E+004	1.111E+004	1.231E+004
78	9.698E+003	1.078E+004	1.196E+004
79	9.403E+003	1.046E+004	1.161E+004
80	9.119E+003	1.016E+004	1.128E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	9.119E+003	1.016E+004	1.128E+004
81	8.846E+003	9.860E+003	1.096E+004
82	8.581E+003	9.574E+003	1.065E+004
83	8.326E+003	9.297E+003	1.035E+004
84	8.080E+003	9.029E+003	1.007E+004
85	7.842E+003	8.771E+003	9.785E+003
86	7.612E+003	8.521E+003	9.515E+003
87	7.390E+003	8.279E+003	9.253E+003
88	7.175E+003	8.046E+003	8.999E+003
89	6.968E+003	7.820E+003	8.753E+003
90	6.768E+003	7.601E+003	8.516E+003
91	6.574E+003	7.390E+003	8.286E+003
92	6.387E+003	7.185E+003	8.063E+003
93	6.206E+003	6.988E+003	7.848E+003
94	6.031E+003	6.796E+003	7.639E+003
95	5.862E+003	6.611E+003	7.436E+003
96	5.698E+003	6.431E+003	7.240E+003
97	5.540E+003	6.257E+003	7.050E+003
98	5.386E+003	6.089E+003	6.865E+003
99	5.238E+003	5.925E+003	6.686E+003
100	5.094E+003	5.767E+003	6.513E+003
101	4.955E+003	5.614E+003	6.345E+003
102	4.820E+003	5.465E+003	6.181E+003
103	4.689E+003	5.321E+003	6.023E+003
104	4.563E+003	5.181E+003	5.869E+003
105	4.440E+003	5.046E+003	5.720E+003
106	4.321E+003	4.915E+003	5.576E+003
107	4.206E+003	4.788E+003	5.435E+003
108	4.095E+003	4.664E+003	5.299E+003
109	3.987E+003	4.544E+003	5.167E+003
110	3.882E+003	4.428E+003	5.039E+003
111	3.781E+003	4.316E+003	4.914E+003
112	3.682E+003	4.206E+003	4.793E+003
113	3.587E+003	4.100E+003	4.676E+003
114	3.494E+003	3.997E+003	4.562E+003
115	3.404E+003	3.897E+003	4.451E+003
116	3.317E+003	3.800E+003	4.343E+003
117	3.233E+003	3.706E+003	4.239E+003
118	3.151E+003	3.615E+003	4.137E+003
119	3.071E+003	3.526E+003	4.038E+003
120	2.994E+003	3.440E+003	3.942E+003
121	2.919E+003	3.356E+003	3.849E+003
122	2.846E+003	3.275E+003	3.758E+003
123	2.776E+003	3.195E+003	3.670E+003
124	2.707E+003	3.119E+003	3.584E+003
125	2.640E+003	3.044E+003	3.501E+003