NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN11-4C153J [T,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4110 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.112E+005	7.220E+005	8.508E+005
-39	5.697E+005	6.714E+005	7.893E+005
-38	5.311E+005	6.245E+005	7.326E+005
-37	4.953E+005	5.812E+005	6.802E+005
-36	4.621E+005	5.410E+005	6.318E+005
-35	4.312E+005	5.037E+005	5.870E+005
-34	4.025E+005	4.692E+005	5.456E+005
-33	3.759E+005	4.373E+005	5.073E+005
-32	3.512E+005	4.076E+005	4.719E+005
-31	3.282E+005	3.801E+005	4.392E+005
-30	3.068E+005	3.546E+005	4.088E+005
-29	2.868E+005	3.308E+005	3.806E+005
-28	2.682E+005	3.087E+005	3.544E+005
-27	2.509E+005	2.882E+005	3.303E+005
-26	2.349E+005	2.693E+005	3.079E+005
-25	2.200E+005	2.517E+005	2.872E+005
-24	2.061E+005	2.353E+005	2.680E+005
-23	1.932E+005	2.202E+005	2.503E+005
-22	1.812E+005	2.061E+005	2.338E+005
-21	1.700E+005	1.930E+005	2.185E+005
-20	1.596E+005	1.808E+005	2.043E+005
-19	1.498E+005	1.694E+005	1.911E+005
-18	1.408E+005	1.589E+005	1.788E+005
-17	1.323E+005	1.490E+005	1.675E+005
-16	1.244E+005	1.399E+005	1.569E+005
-15	1.170E+005	1.313E+005	1.470E+005
-14	1.101E+005	1.234E+005	1.379E+005
-13	1.037E+005	1.160E+005	1.294E+005
-12	9.770E+004	1.090E+005	1.214E+005
-11	9.208E+004	1.026E+005	1.140E+005
-10	8.681E+004	9.655E+004	1.071E+005
-9	8.189E+004	9.091E+004	1.007E+005
-8	7.728E+004	8.564E+004	9.467E+004
-7	7.295E+004	8.071E+004	8.906E+004
-6	6.890E+004	7.609E+004	8.383E+004
-5	6.510E+004	7.178E+004	7.893E+004
-4	6.154E+004	6.773E+004	7.436E+004
-3	5.820E+004	6.394E+004	7.008E+004
-2	5.506E+004	6.039E+004	6.608E+004
-1	5.211E+004	5.706E+004	6.233E+004
0	4.934E+004	5.394E+004	5.882E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.934E+004	5.394E+004	5.882E+004
1	4.673E+004	5.100E+004	5.553E+004
2	4.428E+004	4.825E+004	5.244E+004
3	4.197E+004	4.566E+004	4.955E+004
4	3.981E+004	4.323E+004	4.684E+004
5	3.776E+004	4.095E+004	4.430E+004
6	3.584E+004	3.880E+004	4.191E+004
7	3.403E+004	3.679E+004	3.967E+004
8	3.232E+004	3.489E+004	3.756E+004
9	3.071E+004	3.310E+004	3.558E+004
10	2.920E+004	3.141E+004	3.371E+004
11	2.776E+004	2.983E+004	3.196E+004
12	2.641E+004	2.833E+004	3.031E+004
13	2.513E+004	2.692E+004	2.876E+004
14	2.393E+004	2.559E+004	2.730E+004
15	2.279E+004	2.433E+004	2.592E+004
16	2.171E+004	2.315E+004	2.462E+004
17	2.069E+004	2.203E+004	2.339E+004
18	1.972E+004	2.097E+004	2.224E+004
19	1.881E+004	1.997E+004	2.114E+004
20	1.794E+004	1.902E+004	2.011E+004
21	1.712E+004	1.813E+004	1.914E+004
22	1.635E+004	1.728E+004	1.822E+004
23	1.561E+004	1.648E+004	1.735E+004
24	1.491E+004	1.572E+004	1.653E+004
25	1.425E+004	1.500E+004	1.575E+004
26	1.358E+004	1.432E+004	1.506E+004
27	1.295E+004	1.367E+004	1.440E+004
28	1.236E+004	1.306E+004	1.377E+004
29	1.179E+004	1.248E+004	1.318E+004
30	1.126E+004	1.193E+004	1.261E+004
31	1.075E+004	1.141E+004	1.208E+004
32	1.027E+004	1.091E+004	1.157E+004
33	9.811E+003	1.044E+004	1.108E+004
34	9.377E+003	9.991E+003	1.062E+004
35	8.966E+003	9.566E+003	1.018E+004
36	8.576E+003	9.161E+003	9.762E+003
37	8.205E+003	8.776E+003	9.364E+003
38	7.853E+003	8.410E+003	8.985E+003
39	7.518E+003	8.062E+003	8.624E+003
40	7.200E+003	7.730E+003	8.279E+003

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN11-4C153J [T,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4110 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	7.200E+003	7.730E+003	8.279E+003
41	6.897E+003	7.415E+003	7.951E+003
42	6.610E+003	7.115E+003	7.639E+003
43	6.336E+003	6.828E+003	7.340E+003
44	6.075E+003	6.555E+003	7.056E+003
45	5.827E+003	6.295E+003	6.784E+003
46	5.591E+003	6.047E+003	6.525E+003
47	5.365E+003	5.811E+003	6.277E+003
48	5.151E+003	5.585E+003	6.040E+003
49	4.946E+003	5.369E+003	5.814E+003
50	4.751E+003	5.163E+003	5.598E+003
51	4.565E+003	4.967E+003	5.391E+003
52	4.387E+003	4.779E+003	5.193E+003
53	4.217E+003	4.600E+003	5.004E+003
54	4.055E+003	4.428E+003	4.823E+003
55	3.901E+003	4.264E+003	4.650E+003
56	3.753E+003	4.108E+003	4.484E+003
57	3.612E+003	3.957E+003	4.325E+003
58	3.477E+003	3.814E+003	4.173E+003
59	3.348E+003	3.676E+003	4.027E+003
60	3.224E+003	3.545E+003	3.887E+003
61	3.106E+003	3.418E+003	3.753E+003
62	2.993E+003	3.298E+003	3.624E+003
63	2.885E+003	3.182E+003	3.501E+003
64	2.781E+003	3.071E+003	3.382E+003
65	2.682E+003	2.964E+003	3.269E+003
66	2.587E+003	2.862E+003	3.159E+003
67	2.495E+003	2.764E+003	3.055E+003
68	2.408E+003	2.671E+003	2.954E+003
69	2.325E+003	2.581E+003	2.858E+003
70	2.244E+003	2.494E+003	2.765E+003
71	2.168E+003	2.411E+003	2.676E+003
72	2.094E+003	2.332E+003	2.590E+003
73	2.023E+003	2.255E+003	2.508E+003
74	1.955E+003	2.182E+003	2.429E+003
75	1.890E+003	2.111E+003	2.353E+003
76	1.828E+003	2.044E+003	2.279E+003
77	1.767E+003	1.978E+003	2.209E+003
78	1.710E+003	1.916E+003	2.141E+003
79	1.654E+003	1.855E+003	2.076E+003
80	1.601E+003	1.797E+003	2.013E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.601E+003	1.797E+003	2.013E+003
81	1.550E+003	1.742E+003	1.952E+003
82	1.500E+003	1.688E+003	1.894E+003
83	1.453E+003	1.636E+003	1.838E+003
84	1.408E+003	1.586E+003	1.783E+003
85	1.364E+003	1.538E+003	1.731E+003
86	1.321E+003	1.492E+003	1.681E+003
87	1.281E+003	1.447E+003	1.632E+003
88	1.241E+003	1.404E+003	1.585E+003
89	1.203E+003	1.363E+003	1.539E+003
90	1.167E+003	1.323E+003	1.496E+003
91	1.132E+003	1.284E+003	1.453E+003
92	1.098E+003	1.246E+003	1.412E+003
93	1.065E+003	1.210E+003	1.372E+003
94	1.033E+003	1.175E+003	1.334E+003
95	1.003E+003	1.142E+003	1.297E+003
96	9.731E+002	1.109E+003	1.261E+003
97	9.448E+002	1.078E+003	1.226E+003
98	9.174E+002	1.048E+003	1.193E+003
99	8.910E+002	1.018E+003	1.161E+003
100	8.655E+002	9.900E+002	1.130E+003
101	8.410E+002	9.628E+002	1.100E+003
102	8.173E+002	9.366E+002	1.070E+003
103	7.944E+002	9.111E+002	1.042E+003
104	7.723E+002	8.865E+002	1.015E+003
105	7.509E+002	8.627E+002	9.887E+002
106	7.302E+002	8.397E+002	9.631E+002
107	7.102E+002	8.174E+002	9.383E+002
108	6.909E+002	7.957E+002	9.143E+002
109	6.721E+002	7.748E+002	8.910E+002
110	6.540E+002	7.546E+002	8.684E+002
111	6.364E+002	7.348E+002	8.464E+002
112	6.193E+002	7.158E+002	8.251E+002
113	6.028E+002	6.973E+002	8.045E+002
114	5.869E+002	6.794E+002	7.845E+002
115	5.714E+002	6.620E+002	7.651E+002
116	5.565E+002	6.452E+002	7.463E+002
117	5.420E+002	6.290E+002	7.280E+002
118	5.280E+002	6.132E+002	7.104E+002
119	5.144E+002	5.979E+002	6.932E+002
120	5.012E+002	5.831E+002	6.766E+002
121	4.885E+002	5.687E+002	6.604E+002
122	4.761E+002	5.548E+002	6.447E+002
123	4.642E+002	5.412E+002	6.295E+002
124	4.526E+002	5.281E+002	6.147E+002
125	4.413E+002	5.154E+002	6.004E+002