NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-4B153J [R,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4030 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	5.781E+005	6.813E+005	8.010E+005
-39	5.376E+005	6.323E+005	7.417E+005
-38	5.003E+005	5.871E+005	6.872E+005
-37	4.659E+005	5.455E+005	6.371E+005
-36	4.341E+005	5.072E+005	5.911E+005
-35	4.047E+005	4.718E+005	5.487E+005
-34	3.775E+005	4.392E+005	5.097E+005
-33	3.524E+005	4.091E+005	4.737E+005
-32	3.291E+005	3.812E+005	4.405E+005
-31	3.075E+005	3.555E+005	4.100E+005
-30	2.875E+005	3.317E+005	3.817E+005
-29	2.689E+005	3.097E+005	3.557E+005
-28	2.517E+005	2.893E+005	3.315E+005
-27	2.357E+005	2.703E+005	3.093E+005
-26	2.209E+005	2.528E+005	2.886E+005
-25	2.071E+005	2.365E+005	2.695E+005
-24	1.942E+005	2.214E+005	2.518E+005
-23	1.823E+005	2.074E+005	2.354E+005
-22	1.711E+005	1.943E+005	2.201E+005
-21	1.608E+005	1.822E+005	2.060E+005
-20	1.511E+005	1.709E+005	1.929E+005
-19	1.421E+005	1.604E+005	1.807E+005
-18	1.336E+005	1.506E+005	1.693E+005
-17	1.258E+005	1.415E+005	1.588E+005
-16	1.184E+005	1.330E+005	1.490E+005
-15	1.116E+005	1.251E+005	1.398E+005
-14	1.051E+005	1.176E+005	1.313E+005
-13	9.915E+004	1.107E+005	1.234E+005
-12	9.353E+004	1.043E+005	1.160E+005
-11	8.827E+004	9.823E+004	1.091E+005
-10	8.334E+004	9.259E+004	1.026E+005
-9	7.872E+004	8.730E+004	9.658E+004
-8	7.439E+004	8.236E+004	9.096E+004
-7	7.033E+004	7.773E+004	8.569E+004
-6	6.652E+004	7.339E+004	8.077E+004
-5	6.294E+004	6.932E+004	7.617E+004
-4	5.957E+004	6.551E+004	7.186E+004
-3	5.641E+004	6.193E+004	6.782E+004
-2	5.344E+004	5.857E+004	6.403E+004
-1	5.064E+004	5.542E+004	6.048E+004
0	4.801E+004	5.245E+004	5.716E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.801E+004	5.245E+004	5.716E+004
1	4.554E+004	4.967E+004	5.403E+004
2	4.320E+004	4.705E+004	5.110E+004
3	4.101E+004	4.458E+004	4.835E+004
4	3.894E+004	4.226E+004	4.576E+004
5	3.698E+004	4.008E+004	4.333E+004
6	3.514E+004	3.803E+004	4.105E+004
7	3.341E+004	3.609E+004	3.890E+004
8	3.177E+004	3.427E+004	3.688E+004
9	3.022E+004	3.255E+004	3.497E+004
10	2.876E+004	3.093E+004	3.318E+004
11	2.738E+004	2.940E+004	3.149E+004
12	2.607E+004	2.796E+004	2.990E+004
13	2.484E+004	2.659E+004	2.840E+004
14	2.367E+004	2.531E+004	2.699E+004
15	2.257E+004	2.409E+004	2.565E+004
16	2.152E+004	2.294E+004	2.439E+004
17	2.053E+004	2.185E+004	2.320E+004
18	1.959E+004	2.082E+004	2.208E+004
19	1.870E+004	1.985E+004	2.102E+004
20	1.786E+004	1.893E+004	2.001E+004
21	1.706E+004	1.806E+004	1.906E+004
22	1.630E+004	1.723E+004	1.817E+004
23	1.558E+004	1.645E+004	1.732E+004
24	1.490E+004	1.570E+004	1.651E+004
25	1.425E+004	1.500E+004	1.575E+004
26	1.360E+004	1.433E+004	1.507E+004
27	1.298E+004	1.370E+004	1.442E+004
28	1.239E+004	1.310E+004	1.381E+004
29	1.184E+004	1.253E+004	1.322E+004
30	1.131E+004	1.198E+004	1.267E+004
31	1.081E+004	1.147E+004	1.214E+004
32	1.033E+004	1.098E+004	1.164E+004
33	9.882E+003	1.051E+004	1.116E+004
34	9.454E+003	1.007E+004	1.070E+004
35	9.047E+003	9.650E+003	1.027E+004
36	8.661E+003	9.249E+003	9.853E+003
37	8.293E+003	8.868E+003	9.459E+003
38	7.944E+003	8.505E+003	9.083E+003
39	7.612E+003	8.160E+003	8.725E+003
40	7.296E+003	7.830E+003	8.383E+003

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-4B153J [R,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4030 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	7.296E+003	7.830E+003	8.383E+003
41	6.995E+003	7.517E+003	8.058E+003
42	6.709E+003	7.218E+003	7.747E+003
43	6.436E+003	6.933E+003	7.450E+003
44	6.177E+003	6.662E+003	7.167E+003
45	5.929E+003	6.402E+003	6.896E+003
46	5.693E+003	6.155E+003	6.638E+003
47	5.468E+003	5.919E+003	6.390E+003
48	5.254E+003	5.693E+003	6.154E+003
49	5.049E+003	5.478E+003	5.928E+003
50	4.853E+003	5.272E+003	5.712E+003
51	4.667E+003	5.075E+003	5.505E+003
52	4.489E+003	4.887E+003	5.307E+003
53	4.319E+003	4.707E+003	5.117E+003
54	4.156E+003	4.535E+003	4.936E+003
55	4.000E+003	4.370E+003	4.762E+003
56	3.852E+003	4.212E+003	4.595E+003
57	3.709E+003	4.061E+003	4.435E+003
58	3.573E+003	3.916E+003	4.282E+003
59	3.443E+003	3.778E+003	4.135E+003
60	3.318E+003	3.645E+003	3.994E+003
61	3.199E+003	3.517E+003	3.858E+003
62	3.084E+003	3.395E+003	3.728E+003
63	2.974E+003	3.278E+003	3.603E+003
64	2.869E+003	3.165E+003	3.483E+003
65	2.768E+003	3.057E+003	3.368E+003
66	2.672E+003	2.954E+003	3.257E+003
67	2.579E+003	2.854E+003	3.151E+003
68	2.490E+003	2.759E+003	3.049E+003
69	2.405E+003	2.667E+003	2.950E+003
70	2.323E+003	2.579E+003	2.856E+003
71	2.245E+003	2.494E+003	2.765E+003
72	2.169E+003	2.413E+003	2.677E+003
73	2.097E+003	2.335E+003	2.593E+003
74	2.027E+003	2.260E+003	2.512E+003
75	1.961E+003	2.187E+003	2.435E+003
76	1.896E+003	2.118E+003	2.360E+003
77	1.835E+003	2.051E+003	2.287E+003
78	1.775E+003	1.987E+003	2.218E+003
79	1.718E+003	1.925E+003	2.151E+003
80	1.663E+003	1.865E+003	2.086E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.663E+003	1.865E+003	2.086E+003
81	1.611E+003	1.808E+003	2.024E+003
82	1.560E+003	1.753E+003	1.964E+003
83	1.511E+003	1.699E+003	1.906E+003
84	1.464E+003	1.648E+003	1.850E+003
85	1.419E+003	1.598E+003	1.796E+003
86	1.375E+003	1.551E+003	1.744E+003
87	1.333E+003	1.505E+003	1.694E+003
88	1.293E+003	1.460E+003	1.646E+003
89	1.254E+003	1.418E+003	1.599E+003
90	1.216E+003	1.376E+003	1.554E+003
91	1.179E+003	1.336E+003	1.510E+003
92	1.144E+003	1.297E+003	1.468E+003
93	1.110E+003	1.260E+003	1.427E+003
94	1.078E+003	1.224E+003	1.387E+003
95	1.046E+003	1.189E+003	1.349E+003
96	1.016E+003	1.156E+003	1.312E+003
97	9.864E+002	1.124E+003	1.277E+003
98	9.581E+002	1.092E+003	1.242E+003
99	9.308E+002	1.062E+003	1.209E+003
100	9.045E+002	1.033E+003	1.177E+003
101	8.792E+002	1.005E+003	1.146E+003
102	8.547E+002	9.778E+002	1.116E+003
103	8.310E+002	9.515E+002	1.087E+003
104	8.082E+002	9.261E+002	1.059E+003
105	7.861E+002	9.016E+002	1.031E+003
106	7.647E+002	8.778E+002	1.005E+003
107	7.441E+002	8.548E+002	9.796E+002
108	7.241E+002	8.326E+002	9.549E+002
109	7.048E+002	8.110E+002	9.310E+002
110	6.861E+002	7.902E+002	9.078E+002
111	6.680E+002	7.699E+002	8.853E+002
112	6.504E+002	7.504E+002	8.634E+002
113	6.335E+002	7.314E+002	8.423E+002
114	6.171E+002	7.130E+002	8.218E+002
115	6.012E+002	6.952E+002	8.019E+002
116	5.858E+002	6.780E+002	7.827E+002
117	5.709E+002	6.612E+002	7.640E+002
118	5.565E+002	6.450E+002	7.458E+002
119	5.425E+002	6.293E+002	7.283E+002
120	5.289E+002	6.141E+002	7.112E+002
121	5.158E+002	5.993E+002	6.946E+002
122	5.031E+002	5.850E+002	6.786E+002
123	4.908E+002	5.711E+002	6.630E+002
124	4.788E+002	5.577E+002	6.478E+002
125	4.673E+002	5.446E+002	6.331E+002