NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3L472J [R,B]

RESISTANCE(at25℃)	4700 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3530 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.032E+005	1.199E+005	1.390E+005
-39	9.714E+004	1.127E+005	1.304E+005
-38	9.151E+004	1.059E+005	1.223E+005
-37	8.625E+004	9.966E+004	1.149E+005
-36	8.133E+004	9.379E+004	1.079E+005
-35	7.672E+004	8.832E+004	1.014E+005
-34	7.241E+004	8.320E+004	9.536E+004
-33	6.837E+004	7.841E+004	8.971E+004
-32	6.458E+004	7.394E+004	8.443E+004
-31	6.103E+004	6.975E+004	7.950E+004
-30	5.770E+004	6.582E+004	7.490E+004
-29	5.460E+004	6.217E+004	7.061E+004
-28	5.167E+004	5.873E+004	6.659E+004
-27	4.892E+004	5.551E+004	6.282E+004
-26	4.633E+004	5.248E+004	5.929E+004
-25	4.390E+004	4.963E+004	5.598E+004
-24	4.160E+004	4.696E+004	5.288E+004
-23	3.944E+004	4.445E+004	4.996E+004
-22	3.741E+004	4.208E+004	4.722E+004
-21	3.549E+004	3.986E+004	4.465E+004
-20	3.368E+004	3.776E+004	4.223E+004
-19	3.197E+004	3.579E+004	3.996E+004
-18	3.036E+004	3.393E+004	3.782E+004
-17	2.884E+004	3.217E+004	3.581E+004
-16	2.740E+004	3.053E+004	3.392E+004
-15	2.605E+004	2.897E+004	3.214E+004
-14	2.477E+004	2.751E+004	3.047E+004
-13	2.357E+004	2.613E+004	2.889E+004
-12	2.243E+004	2.482E+004	2.741E+004
-11	2.135E+004	2.360E+004	2.601E+004
-10	2.033E+004	2.244E+004	2.470E+004
-9	1.937E+004	2.134E+004	2.346E+004
-8	1.846E+004	2.031E+004	2.229E+004
-7	1.759E+004	1.933E+004	2.118E+004
-6	1.678E+004	1.840E+004	2.014E+004
-5	1.600E+004	1.753E+004	1.915E+004
-4	1.527E+004	1.670E+004	1.822E+004
-3	1.458E+004	1.592E+004	1.734E+004
-2	1.392E+004	1.518E+004	1.651E+004
-1	1.330E+004	1.448E+004	1.573E+004
0	1.270E+004	1.381E+004	1.498E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.270E+004	1.381E+004	1.498E+004
1	1.214E+004	1.318E+004	1.428E+004
2	1.161E+004	1.259E+004	1.362E+004
3	1.110E+004	1.202E+004	1.299E+004
4	1.062E+004	1.149E+004	1.239E+004
5	1.016E+004	1.098E+004	1.182E+004
6	9.729E+003	1.049E+004	1.129E+004
7	9.315E+003	1.003E+004	1.078E+004
8	8.921E+003	9.594E+003	1.029E+004
9	8.546E+003	9.179E+003	9.834E+003
10	8.190E+003	8.785E+003	9.399E+003
11	7.850E+003	8.409E+003	8.985E+003
12	7.526E+003	8.052E+003	8.592E+003
13	7.218E+003	7.712E+003	8.219E+003
14	6.924E+003	7.389E+003	7.865E+003
15	6.645E+003	7.081E+003	7.527E+003
16	6.378E+003	6.788E+003	7.207E+003
17	6.124E+003	6.510E+003	6.902E+003
18	5.881E+003	6.244E+003	6.612E+003
19	5.650E+003	5.991E+003	6.336E+003
20	5.429E+003	5.749E+003	6.074E+003
21	5.218E+003	5.519E+003	5.823E+003
22	5.017E+003	5.300E+003	5.585E+003
23	4.824E+003	5.091E+003	5.358E+003
24	4.641E+003	4.891E+003	5.141E+003
25	4.465E+003	4.700E+003	4.935E+003
26	4.287E+003	4.518E+003	4.749E+003
27	4.117E+003	4.344E+003	4.572E+003
28	3.955E+003	4.178E+003	4.402E+003
29	3.800E+003	4.019E+003	4.240E+003
30	3.652E+003	3.867E+003	4.084E+003
31	3.511E+003	3.722E+003	3.935E+003
32	3.376E+003	3.583E+003	3.793E+003
33	3.247E+003	3.450E+003	3.656E+003
34	3.124E+003	3.323E+003	3.526E+003
35	3.006E+003	3.201E+003	3.400E+003
36	2.894E+003	3.085E+003	3.280E+003
37	2.786E+003	2.973E+003	3.165E+003
38	2.683E+003	2.866E+003	3.055E+003
39	2.584E+003	2.764E+003	2.949E+003
40	2.490E+003	2.666E+003	2.847E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.490E+003	2.666E+003	2.847E+003
41	2.400E+003	2.572E+003	2.750E+003
42	2.313E+003	2.482E+003	2.656E+003
43	2.230E+003	2.395E+003	2.567E+003
44	2.151E+003	2.313E+003	2.480E+003
45	2.075E+003	2.233E+003	2.398E+003
46	2.002E+003	2.157E+003	2.318E+003
47	1.932E+003	2.083E+003	2.242E+003
48	1.864E+003	2.013E+003	2.168E+003
49	1.800E+003	1.946E+003	2.098E+003
50	1.738E+003	1.881E+003	2.030E+003
51	1.679E+003	1.818E+003	1.964E+003
52	1.622E+003	1.758E+003	1.902E+003
53	1.567E+003	1.701E+003	1.841E+003
54	1.515E+003	1.645E+003	1.783E+003
55	1.464E+003	1.592E+003	1.727E+003
56	1.416E+003	1.541E+003	1.673E+003
57	1.369E+003	1.492E+003	1.621E+003
58	1.324E+003	1.444E+003	1.571E+003
59	1.281E+003	1.399E+003	1.523E+003
60	1.240E+003	1.355E+003	1.477E+003
61	1.200E+003	1.313E+003	1.432E+003
62	1.162E+003	1.272E+003	1.389E+003
63	1.125E+003	1.233E+003	1.347E+003
64	1.090E+003	1.195E+003	1.307E+003
65	1.055E+003	1.159E+003	1.269E+003
66	1.023E+003	1.124E+003	1.232E+003
67	9.909E+002	1.090E+003	1.196E+003
68	9.604E+002	1.057E+003	1.161E+003
69	9.309E+002	1.026E+003	1.127E+003
70	9.026E+002	9.954E+002	1.095E+003
71	8.752E+002	9.660E+002	1.064E+003
72	8.488E+002	9.377E+002	1.033E+003
73	8.233E+002	9.104E+002	1.004E+003
74	7.988E+002	8.841E+002	9.760E+002
75	7.751E+002	8.586E+002	9.487E+002
76	7.523E+002	8.340E+002	9.224E+002
77	7.302E+002	8.103E+002	8.969E+002
78	7.090E+002	7.874E+002	8.723E+002
79	6.885E+002	7.653E+002	8.485E+002
80	6.687E+002	7.439E+002	8.255E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	6.687E+002	7.439E+002	8.255E+002
81	6.496E+002	7.233E+002	8.033E+002
82	6.312E+002	7.034E+002	7.818E+002
83	6.133E+002	6.841E+002	7.611E+002
84	5.961E+002	6.654E+002	7.409E+002
85	5.795E+002	6.474E+002	7.215E+002
86	5.634E+002	6.300E+002	7.026E+002
87	5.479E+002	6.131E+002	6.843E+002
88	5.328E+002	5.967E+002	6.666E+002
89	5.183E+002	5.809E+002	6.495E+002
90	5.043E+002	5.656E+002	6.329E+002
91	4.906E+002	5.508E+002	6.168E+002
92	4.775E+002	5.365E+002	6.012E+002
93	4.647E+002	5.226E+002	5.861E+002
94	4.524E+002	5.091E+002	5.714E+002
95	4.405E+002	4.960E+002	5.572E+002
96	4.289E+002	4.834E+002	5.435E+002
97	4.177E+002	4.712E+002	5.301E+002
98	4.069E+002	4.593E+002	5.171E+002
99	3.964E+002	4.478E+002	5.046E+002
100	3.862E+002	4.366E+002	4.924E+002
101	3.763E+002	4.258E+002	4.805E+002
102	3.667E+002	4.152E+002	4.690E+002
103	3.575E+002	4.051E+002	4.578E+002
104	3.485E+002	3.952E+002	4.470E+002
105	3.398E+002	3.856E+002	4.364E+002
106	3.313E+002	3.763E+002	4.262E+002
107	3.231E+002	3.672E+002	4.163E+002
108	3.152E+002	3.585E+002	4.067E+002
109	3.075E+002	3.500E+002	3.973E+002
110	3.000E+002	3.417E+002	3.882E+002
111	2.928E+002	3.337E+002	3.794E+002
112	2.857E+002	3.259E+002	3.708E+002
113	2.789E+002	3.183E+002	3.624E+002
114	2.723E+002	3.110E+002	3.543E+002
115	2.658E+002	3.038E+002	3.464E+002
116	2.596E+002	2.969E+002	3.387E+002
117	2.535E+002	2.902E+002	3.313E+002
118	2.476E+002	2.836E+002	3.241E+002
119	2.419E+002	2.773E+002	3.170E+002
120	2.364E+002	2.711E+002	3.102E+002
121	2.310E+002	2.651E+002	3.035E+002
122	2.257E+002	2.593E+002	2.970E+002
123	2.207E+002	2.536E+002	2.907E+002
124	2.157E+002	2.481E+002	2.846E+002
125	2.109E+002	2.427E+002	2.787E+002