NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3N682J [R,B]

RESISTANCE(at25℃)	6800 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3670 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.749E+005	2.041E+005	2.376E+005
-39	1.641E+005	1.911E+005	2.220E+005
-38	1.540E+005	1.790E+005	2.075E+005
-37	1.447E+005	1.678E+005	1.941E+005
-36	1.359E+005	1.573E+005	1.817E+005
-35	1.278E+005	1.476E+005	1.701E+005
-34	1.202E+005	1.386E+005	1.594E+005
-33	1.131E+005	1.301E+005	1.494E+005
-32	1.064E+005	1.223E+005	1.401E+005
-31	1.003E+005	1.149E+005	1.314E+005
-30	9.446E+004	1.081E+005	1.234E+005
-29	8.904E+004	1.017E+005	1.159E+005
-28	8.398E+004	9.574E+004	1.089E+005
-27	7.923E+004	9.017E+004	1.024E+005
-26	7.479E+004	8.496E+004	9.627E+004
-25	7.063E+004	8.009E+004	9.059E+004
-24	6.673E+004	7.554E+004	8.529E+004
-23	6.308E+004	7.127E+004	8.033E+004
-22	5.965E+004	6.728E+004	7.570E+004
-21	5.643E+004	6.354E+004	7.137E+004
-20	5.341E+004	6.003E+004	6.731E+004
-19	5.057E+004	5.674E+004	6.352E+004
-18	4.790E+004	5.366E+004	5.996E+004
-17	4.539E+004	5.076E+004	5.663E+004
-16	4.303E+004	4.804E+004	5.351E+004
-15	4.081E+004	4.549E+004	5.058E+004
-14	3.872E+004	4.309E+004	4.783E+004
-13	3.675E+004	4.083E+004	4.524E+004
-12	3.489E+004	3.870E+004	4.282E+004
-11	3.314E+004	3.670E+004	4.054E+004
-10	3.149E+004	3.482E+004	3.840E+004
-9	2.993E+004	3.304E+004	3.638E+004
-8	2.846E+004	3.137E+004	3.449E+004
-7	2.708E+004	2.980E+004	3.271E+004
-6	2.577E+004	2.831E+004	3.103E+004
-5	2.453E+004	2.691E+004	2.944E+004
-4	2.335E+004	2.558E+004	2.795E+004
-3	2.224E+004	2.433E+004	2.654E+004
-2	2.120E+004	2.315E+004	2.521E+004
-1	2.020E+004	2.203E+004	2.396E+004
0	1.926E+004	2.097E+004	2.278E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.926E+004	2.097E+004	2.278E+004
1	1.837E+004	1.997E+004	2.166E+004
2	1.753E+004	1.903E+004	2.061E+004
3	1.673E+004	1.813E+004	1.961E+004
4	1.597E+004	1.729E+004	1.867E+004
5	1.525E+004	1.649E+004	1.778E+004
6	1.457E+004	1.573E+004	1.693E+004
7	1.392E+004	1.501E+004	1.613E+004
8	1.331E+004	1.432E+004	1.538E+004
9	1.272E+004	1.368E+004	1.466E+004
10	1.217E+004	1.306E+004	1.399E+004
11	1.164E+004	1.248E+004	1.334E+004
12	1.114E+004	1.193E+004	1.274E+004
13	1.067E+004	1.140E+004	1.216E+004
14	1.021E+004	1.090E+004	1.161E+004
15	9.783E+003	1.043E+004	1.109E+004
16	9.373E+003	9.981E+003	1.060E+004
17	8.983E+003	9.553E+003	1.013E+004
18	8.612E+003	9.146E+003	9.689E+003
19	8.259E+003	8.759E+003	9.267E+003
20	7.922E+003	8.391E+003	8.867E+003
21	7.601E+003	8.041E+003	8.486E+003
22	7.295E+003	7.708E+003	8.124E+003
23	7.003E+003	7.390E+003	7.779E+003
24	6.725E+003	7.088E+003	7.452E+003
25	6.460E+003	6.800E+003	7.140E+003
26	6.192E+003	6.525E+003	6.860E+003
27	5.936E+003	6.264E+003	6.593E+003
28	5.693E+003	6.014E+003	6.338E+003
29	5.461E+003	5.776E+003	6.095E+003
30	5.240E+003	5.549E+003	5.862E+003
31	5.029E+003	5.332E+003	5.640E+003
32	4.828E+003	5.125E+003	5.427E+003
33	4.636E+003	4.928E+003	5.224E+003
34	4.454E+003	4.739E+003	5.030E+003
35	4.279E+003	4.559E+003	4.844E+003
36	4.113E+003	4.386E+003	4.666E+003
37	3.954E+003	4.221E+003	4.496E+003
38	3.802E+003	4.064E+003	4.333E+003
39	3.657E+003	3.913E+003	4.178E+003
40	3.518E+003	3.769E+003	4.028E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.518E+003	3.769E+003	4.028E+003
41	3.385E+003	3.631E+003	3.885E+003
42	3.259E+003	3.499E+003	3.748E+003
43	3.137E+003	3.373E+003	3.617E+003
44	3.021E+003	3.252E+003	3.491E+003
45	2.910E+003	3.136E+003	3.370E+003
46	2.804E+003	3.024E+003	3.254E+003
47	2.703E+003	2.918E+003	3.142E+003
48	2.605E+003	2.816E+003	3.036E+003
49	2.512E+003	2.718E+003	2.933E+003
50	2.422E+003	2.624E+003	2.835E+003
51	2.337E+003	2.534E+003	2.740E+003
52	2.255E+003	2.447E+003	2.650E+003
53	2.176E+003	2.364E+003	2.562E+003
54	2.100E+003	2.284E+003	2.478E+003
55	2.028E+003	2.208E+003	2.398E+003
56	1.958E+003	2.134E+003	2.320E+003
57	1.892E+003	2.064E+003	2.246E+003
58	1.828E+003	1.996E+003	2.174E+003
59	1.766E+003	1.931E+003	2.105E+003
60	1.707E+003	1.868E+003	2.039E+003
61	1.650E+003	1.808E+003	1.975E+003
62	1.596E+003	1.750E+003	1.914E+003
63	1.543E+003	1.694E+003	1.854E+003
64	1.493E+003	1.640E+003	1.797E+003
65	1.445E+003	1.589E+003	1.742E+003
66	1.398E+003	1.539E+003	1.690E+003
67	1.353E+003	1.491E+003	1.639E+003
68	1.310E+003	1.445E+003	1.589E+003
69	1.269E+003	1.400E+003	1.542E+003
70	1.229E+003	1.358E+003	1.496E+003
71	1.190E+003	1.316E+003	1.452E+003
72	1.153E+003	1.277E+003	1.410E+003
73	1.118E+003	1.238E+003	1.369E+003
74	1.083E+003	1.201E+003	1.329E+003
75	1.050E+003	1.166E+003	1.291E+003
76	1.018E+003	1.131E+003	1.254E+003
77	9.877E+002	1.098E+003	1.218E+003
78	9.581E+002	1.066E+003	1.184E+003
79	9.295E+002	1.035E+003	1.151E+003
80	9.020E+002	1.006E+003	1.118E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	9.020E+002	1.006E+003	1.118E+003
81	8.753E+002	9.768E+002	1.087E+003
82	8.497E+002	9.490E+002	1.057E+003
83	8.249E+002	9.221E+002	1.028E+003
84	8.010E+002	8.962E+002	1.000E+003
85	7.779E+002	8.711E+002	9.730E+002
86	7.556E+002	8.469E+002	9.468E+002
87	7.341E+002	8.235E+002	9.214E+002
88	7.133E+002	8.009E+002	8.969E+002
89	6.933E+002	7.790E+002	8.731E+002
90	6.739E+002	7.578E+002	8.501E+002
91	6.552E+002	7.374E+002	8.278E+002
92	6.371E+002	7.176E+002	8.063E+002
93	6.195E+002	6.985E+002	7.854E+002
94	6.026E+002	6.799E+002	7.652E+002
95	5.863E+002	6.620E+002	7.457E+002
96	5.704E+002	6.447E+002	7.267E+002
97	5.551E+002	6.279E+002	7.084E+002
98	5.403E+002	6.116E+002	6.906E+002
99	5.260E+002	5.959E+002	6.733E+002
100	5.121E+002	5.806E+002	6.566E+002
101	4.987E+002	5.659E+002	6.405E+002
102	4.858E+002	5.516E+002	6.248E+002
103	4.732E+002	5.377E+002	6.095E+002
104	4.610E+002	5.243E+002	5.948E+002
105	4.492E+002	5.113E+002	5.805E+002
106	4.378E+002	4.986E+002	5.666E+002
107	4.267E+002	4.864E+002	5.531E+002
108	4.160E+002	4.745E+002	5.400E+002
109	4.056E+002	4.630E+002	5.273E+002
110	3.955E+002	4.518E+002	5.149E+002
111	3.857E+002	4.410E+002	5.029E+002
112	3.762E+002	4.305E+002	4.913E+002
113	3.670E+002	4.202E+002	4.800E+002
114	3.581E+002	4.103E+002	4.690E+002
115	3.494E+002	4.007E+002	4.583E+002
116	3.410E+002	3.913E+002	4.480E+002
117	3.328E+002	3.822E+002	4.379E+002
118	3.249E+002	3.734E+002	4.281E+002
119	3.172E+002	3.648E+002	4.185E+002
120	3.097E+002	3.565E+002	4.092E+002
121	3.025E+002	3.483E+002	4.002E+002
122	2.954E+002	3.405E+002	3.914E+002
123	2.885E+002	3.328E+002	3.828E+002
124	2.819E+002	3.253E+002	3.745E+002
125	2.754E+002	3.181E+002	3.664E+002