NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC10-3K182J [T,B]

RESISTANCE(at25℃)	1800 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3500 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.914E+004	4.545E+004	5.264E+004
-39	3.685E+004	4.271E+004	4.938E+004
-38	3.471E+004	4.015E+004	4.633E+004
-37	3.271E+004	3.777E+004	4.350E+004
-36	3.084E+004	3.554E+004	4.086E+004
-35	2.909E+004	3.346E+004	3.840E+004
-34	2.745E+004	3.152E+004	3.610E+004
-33	2.592E+004	2.970E+004	3.396E+004
-32	2.448E+004	2.800E+004	3.196E+004
-31	2.313E+004	2.641E+004	3.009E+004
-30	2.186E+004	2.492E+004	2.834E+004
-29	2.068E+004	2.353E+004	2.671E+004
-28	1.956E+004	2.222E+004	2.518E+004
-27	1.851E+004	2.099E+004	2.375E+004
-26	1.753E+004	1.984E+004	2.241E+004
-25	1.661E+004	1.876E+004	2.115E+004
-24	1.574E+004	1.775E+004	1.998E+004
-23	1.492E+004	1.680E+004	1.887E+004
-22	1.415E+004	1.591E+004	1.784E+004
-21	1.342E+004	1.506E+004	1.687E+004
-20	1.274E+004	1.427E+004	1.596E+004
-19	1.209E+004	1.353E+004	1.510E+004
-18	1.149E+004	1.283E+004	1.429E+004
-17	1.091E+004	1.217E+004	1.354E+004
-16	1.037E+004	1.155E+004	1.283E+004
-15	9.862E+003	1.096E+004	1.216E+004
-14	9.381E+003	1.041E+004	1.153E+004
-13	8.926E+003	9.892E+003	1.093E+004
-12	8.497E+003	9.401E+003	1.038E+004
-11	8.091E+003	8.938E+003	9.850E+003
-10	7.707E+003	8.501E+003	9.354E+003
-9	7.344E+003	8.088E+003	8.887E+003
-8	7.000E+003	7.698E+003	8.446E+003
-7	6.675E+003	7.330E+003	8.029E+003
-6	6.367E+003	6.981E+003	7.636E+003
-5	6.075E+003	6.651E+003	7.265E+003
-4	5.798E+003	6.339E+003	6.914E+003
-3	5.536E+003	6.044E+003	6.582E+003
-2	5.287E+003	5.764E+003	6.269E+003
-1	5.052E+003	5.499E+003	5.972E+003
0	4.828E+003	5.248E+003	5.691E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.828E+003	5.248E+003	5.691E+003
1	4.615E+003	5.010E+003	5.425E+003
2	4.413E+003	4.784E+003	5.174E+003
3	4.222E+003	4.570E+003	4.935E+003
4	4.040E+003	4.367E+003	4.710E+003
5	3.867E+003	4.174E+003	4.496E+003
6	3.702E+003	3.991E+003	4.293E+003
7	3.546E+003	3.818E+003	4.100E+003
8	3.397E+003	3.652E+003	3.918E+003
9	3.255E+003	3.496E+003	3.744E+003
10	3.120E+003	3.346E+003	3.580E+003
11	2.992E+003	3.205E+003	3.424E+003
12	2.870E+003	3.070E+003	3.275E+003
13	2.753E+003	2.941E+003	3.134E+003
14	2.642E+003	2.819E+003	3.000E+003
15	2.536E+003	2.703E+003	2.873E+003
16	2.435E+003	2.592E+003	2.751E+003
17	2.339E+003	2.486E+003	2.636E+003
18	2.247E+003	2.386E+003	2.526E+003
19	2.160E+003	2.290E+003	2.422E+003
20	2.076E+003	2.198E+003	2.322E+003
21	1.996E+003	2.111E+003	2.227E+003
22	1.919E+003	2.028E+003	2.137E+003
23	1.846E+003	1.948E+003	2.051E+003
24	1.777E+003	1.872E+003	1.968E+003
25	1.710E+003	1.800E+003	1.890E+003
26	1.642E+003	1.731E+003	1.819E+003
27	1.578E+003	1.665E+003	1.752E+003
28	1.516E+003	1.601E+003	1.687E+003
29	1.457E+003	1.541E+003	1.626E+003
30	1.401E+003	1.483E+003	1.567E+003
31	1.347E+003	1.428E+003	1.510E+003
32	1.296E+003	1.375E+003	1.456E+003
33	1.247E+003	1.325E+003	1.404E+003
34	1.200E+003	1.276E+003	1.354E+003
35	1.155E+003	1.230E+003	1.306E+003
36	1.112E+003	1.185E+003	1.260E+003
37	1.071E+003	1.143E+003	1.217E+003
38	1.032E+003	1.102E+003	1.175E+003
39	9.942E+002	1.063E+003	1.134E+003
40	9.582E+002	1.026E+003	1.095E+003

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TYPE	TC10-3K182J [T,B]

RESISTANCE(at25℃)	1800 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3500 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	9.582E+002	1.026E+003	1.095E+003
41	9.237E+002	9.900E+002	1.058E+003
42	8.907E+002	9.556E+002	1.023E+003
43	8.591E+002	9.226E+002	9.883E+002
44	8.287E+002	8.909E+002	9.554E+002
45	7.996E+002	8.606E+002	9.238E+002
46	7.717E+002	8.314E+002	8.934E+002
47	7.450E+002	8.034E+002	8.642E+002
48	7.193E+002	7.765E+002	8.362E+002
49	6.947E+002	7.507E+002	8.092E+002
50	6.710E+002	7.259E+002	7.832E+002
51	6.483E+002	7.020E+002	7.582E+002
52	6.265E+002	6.791E+002	7.342E+002
53	6.056E+002	6.570E+002	7.110E+002
54	5.855E+002	6.358E+002	6.888E+002
55	5.661E+002	6.154E+002	6.673E+002
56	5.475E+002	5.958E+002	6.467E+002
57	5.297E+002	5.769E+002	6.268E+002
58	5.125E+002	5.587E+002	6.076E+002
59	4.960E+002	5.412E+002	5.892E+002
60	4.801E+002	5.244E+002	5.714E+002
61	4.648E+002	5.082E+002	5.542E+002
62	4.501E+002	4.926E+002	5.377E+002
63	4.360E+002	4.775E+002	5.218E+002
64	4.223E+002	4.630E+002	5.064E+002
65	4.092E+002	4.491E+002	4.916E+002
66	3.966E+002	4.356E+002	4.773E+002
67	3.844E+002	4.226E+002	4.634E+002
68	3.726E+002	4.100E+002	4.501E+002
69	3.613E+002	3.979E+002	4.372E+002
70	3.504E+002	3.863E+002	4.248E+002
71	3.399E+002	3.750E+002	4.127E+002
72	3.297E+002	3.641E+002	4.011E+002
73	3.199E+002	3.536E+002	3.898E+002
74	3.104E+002	3.434E+002	3.790E+002
75	3.013E+002	3.336E+002	3.685E+002
76	2.925E+002	3.242E+002	3.583E+002
77	2.840E+002	3.150E+002	3.485E+002
78	2.758E+002	3.062E+002	3.390E+002
79	2.679E+002	2.977E+002	3.299E+002
80	2.603E+002	2.894E+002	3.210E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.603E+002	2.894E+002	3.210E+002
81	2.529E+002	2.814E+002	3.124E+002
82	2.457E+002	2.737E+002	3.041E+002
83	2.389E+002	2.663E+002	2.961E+002
84	2.322E+002	2.591E+002	2.883E+002
85	2.258E+002	2.521E+002	2.808E+002
86	2.195E+002	2.453E+002	2.735E+002
87	2.135E+002	2.388E+002	2.664E+002
88	2.077E+002	2.325E+002	2.596E+002
89	2.021E+002	2.264E+002	2.529E+002
90	1.966E+002	2.204E+002	2.465E+002
91	1.913E+002	2.147E+002	2.403E+002
92	1.862E+002	2.091E+002	2.343E+002
93	1.813E+002	2.038E+002	2.284E+002
94	1.765E+002	1.985E+002	2.227E+002
95	1.719E+002	1.935E+002	2.172E+002
96	1.674E+002	1.886E+002	2.119E+002
97	1.631E+002	1.838E+002	2.067E+002
98	1.589E+002	1.792E+002	2.017E+002
99	1.548E+002	1.747E+002	1.968E+002
100	1.508E+002	1.704E+002	1.920E+002
101	1.470E+002	1.662E+002	1.874E+002
102	1.432E+002	1.621E+002	1.829E+002
103	1.396E+002	1.581E+002	1.786E+002
104	1.361E+002	1.543E+002	1.744E+002
105	1.327E+002	1.505E+002	1.703E+002
106	1.294E+002	1.469E+002	1.663E+002
107	1.262E+002	1.434E+002	1.624E+002
108	1.231E+002	1.400E+002	1.587E+002
109	1.201E+002	1.366E+002	1.550E+002
110	1.172E+002	1.334E+002	1.515E+002
111	1.144E+002	1.303E+002	1.480E+002
112	1.117E+002	1.273E+002	1.447E+002
113	1.090E+002	1.243E+002	1.415E+002
114	1.064E+002	1.215E+002	1.383E+002
115	1.039E+002	1.187E+002	1.352E+002
116	1.015E+002	1.160E+002	1.322E+002
117	9.909E+001	1.133E+002	1.293E+002
118	9.679E+001	1.108E+002	1.265E+002
119	9.455E+001	1.083E+002	1.237E+002
120	9.237E+001	1.059E+002	1.210E+002
121	9.025E+001	1.035E+002	1.184E+002
122	8.819E+001	1.012E+002	1.159E+002
123	8.619E+001	9.898E+001	1.134E+002
124	8.424E+001	9.681E+001	1.110E+002
125	8.234E+001	9.469E+001	1.086E+002