NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-2H680J [T,B]

RESISTANCE(at25℃)	68 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2350 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	5.215E+002	5.863E+002	6.576E+002
-39	5.009E+002	5.624E+002	6.300E+002
-38	4.813E+002	5.397E+002	6.038E+002
-37	4.625E+002	5.181E+002	5.788E+002
-36	4.447E+002	4.975E+002	5.551E+002
-35	4.277E+002	4.778E+002	5.325E+002
-34	4.115E+002	4.591E+002	5.111E+002
-33	3.960E+002	4.413E+002	4.906E+002
-32	3.812E+002	4.243E+002	4.711E+002
-31	3.670E+002	4.081E+002	4.526E+002
-30	3.535E+002	3.926E+002	4.349E+002
-29	3.407E+002	3.779E+002	4.181E+002
-28	3.284E+002	3.638E+002	4.020E+002
-27	3.166E+002	3.503E+002	3.867E+002
-26	3.053E+002	3.374E+002	3.720E+002
-25	2.945E+002	3.251E+002	3.580E+002
-24	2.841E+002	3.133E+002	3.447E+002
-23	2.742E+002	3.020E+002	3.319E+002
-22	2.647E+002	2.912E+002	3.196E+002
-21	2.556E+002	2.809E+002	3.080E+002
-20	2.469E+002	2.710E+002	2.968E+002
-19	2.385E+002	2.615E+002	2.860E+002
-18	2.304E+002	2.524E+002	2.758E+002
-17	2.227E+002	2.437E+002	2.660E+002
-16	2.153E+002	2.353E+002	2.566E+002
-15	2.082E+002	2.273E+002	2.476E+002
-14	2.013E+002	2.196E+002	2.389E+002
-13	1.948E+002	2.122E+002	2.307E+002
-12	1.885E+002	2.052E+002	2.228E+002
-11	1.824E+002	1.984E+002	2.152E+002
-10	1.766E+002	1.918E+002	2.079E+002
-9	1.710E+002	1.856E+002	2.009E+002
-8	1.657E+002	1.796E+002	1.942E+002
-7	1.605E+002	1.738E+002	1.878E+002
-6	1.555E+002	1.683E+002	1.816E+002
-5	1.507E+002	1.629E+002	1.756E+002
-4	1.461E+002	1.578E+002	1.699E+002
-3	1.417E+002	1.528E+002	1.645E+002
-2	1.374E+002	1.481E+002	1.592E+002
-1	1.333E+002	1.435E+002	1.541E+002
0	1.293E+002	1.391E+002	1.492E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.293E+002	1.391E+002	1.492E+002
1	1.255E+002	1.348E+002	1.445E+002
2	1.218E+002	1.307E+002	1.400E+002
3	1.182E+002	1.268E+002	1.357E+002
4	1.148E+002	1.230E+002	1.315E+002
5	1.115E+002	1.193E+002	1.275E+002
6	1.083E+002	1.158E+002	1.236E+002
7	1.052E+002	1.124E+002	1.198E+002
8	1.022E+002	1.091E+002	1.163E+002
9	9.935E+001	1.060E+002	1.128E+002
10	9.658E+001	1.029E+002	1.095E+002
11	9.391E+001	1.000E+002	1.062E+002
12	9.133E+001	9.718E+001	1.031E+002
13	8.884E+001	9.445E+001	1.002E+002
14	8.643E+001	9.181E+001	9.727E+001
15	8.410E+001	8.926E+001	9.449E+001
16	8.185E+001	8.679E+001	9.181E+001
17	7.967E+001	8.441E+001	8.921E+001
18	7.756E+001	8.211E+001	8.671E+001
19	7.552E+001	7.989E+001	8.429E+001
20	7.355E+001	7.774E+001	8.195E+001
21	7.164E+001	7.566E+001	7.969E+001
22	6.979E+001	7.365E+001	7.751E+001
23	6.801E+001	7.170E+001	7.541E+001
24	6.628E+001	6.982E+001	7.337E+001
25	6.460E+001	6.800E+001	7.140E+001
26	6.288E+001	6.624E+001	6.961E+001
27	6.121E+001	6.453E+001	6.787E+001
28	5.960E+001	6.288E+001	6.618E+001
29	5.804E+001	6.129E+001	6.455E+001
30	5.653E+001	5.974E+001	6.297E+001
31	5.507E+001	5.824E+001	6.144E+001
32	5.366E+001	5.679E+001	5.995E+001
33	5.229E+001	5.538E+001	5.851E+001
34	5.096E+001	5.402E+001	5.712E+001
35	4.968E+001	5.270E+001	5.576E+001
36	4.844E+001	5.142E+001	5.444E+001
37	4.723E+001	5.017E+001	5.317E+001
38	4.606E+001	4.897E+001	5.193E+001
39	4.493E+001	4.780E+001	5.072E+001
40	4.383E+001	4.666E+001	4.955E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.383E+001	4.666E+001	4.955E+001
41	4.276E+001	4.556E+001	4.841E+001
42	4.173E+001	4.449E+001	4.731E+001
43	4.072E+001	4.344E+001	4.624E+001
44	3.975E+001	4.243E+001	4.519E+001
45	3.880E+001	4.145E+001	4.418E+001
46	3.788E+001	4.050E+001	4.319E+001
47	3.699E+001	3.958E+001	4.224E+001
48	3.613E+001	3.868E+001	4.130E+001
49	3.529E+001	3.780E+001	4.040E+001
50	3.447E+001	3.696E+001	3.952E+001
51	3.368E+001	3.613E+001	3.867E+001
52	3.292E+001	3.534E+001	3.784E+001
53	3.217E+001	3.456E+001	3.703E+001
54	3.145E+001	3.380E+001	3.624E+001
55	3.074E+001	3.307E+001	3.548E+001
56	3.006E+001	3.235E+001	3.473E+001
57	2.939E+001	3.166E+001	3.401E+001
58	2.874E+001	3.098E+001	3.330E+001
59	2.811E+001	3.032E+001	3.262E+001
60	2.750E+001	2.968E+001	3.195E+001
61	2.691E+001	2.905E+001	3.129E+001
62	2.633E+001	2.845E+001	3.066E+001
63	2.576E+001	2.786E+001	3.004E+001
64	2.522E+001	2.728E+001	2.944E+001
65	2.468E+001	2.672E+001	2.885E+001
66	2.416E+001	2.617E+001	2.827E+001
67	2.365E+001	2.563E+001	2.771E+001
68	2.315E+001	2.511E+001	2.716E+001
69	2.267E+001	2.460E+001	2.663E+001
70	2.220E+001	2.410E+001	2.611E+001
71	2.174E+001	2.362E+001	2.560E+001
72	2.129E+001	2.315E+001	2.510E+001
73	2.086E+001	2.269E+001	2.462E+001
74	2.043E+001	2.224E+001	2.414E+001
75	2.001E+001	2.180E+001	2.368E+001
76	1.961E+001	2.136E+001	2.322E+001
77	1.921E+001	2.094E+001	2.277E+001
78	1.882E+001	2.053E+001	2.234E+001
79	1.844E+001	2.012E+001	2.191E+001
80	1.806E+001	1.973E+001	2.149E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.806E+001	1.973E+001	2.149E+001
81	1.770E+001	1.934E+001	2.108E+001
82	1.734E+001	1.895E+001	2.067E+001
83	1.699E+001	1.858E+001	2.028E+001
84	1.664E+001	1.822E+001	1.989E+001
85	1.631E+001	1.786E+001	1.951E+001
86	1.598E+001	1.751E+001	1.914E+001
87	1.566E+001	1.717E+001	1.877E+001
88	1.535E+001	1.683E+001	1.842E+001
89	1.504E+001	1.651E+001	1.807E+001
90	1.474E+001	1.619E+001	1.773E+001
91	1.444E+001	1.587E+001	1.739E+001
92	1.416E+001	1.556E+001	1.706E+001
93	1.388E+001	1.526E+001	1.674E+001
94	1.360E+001	1.497E+001	1.643E+001
95	1.333E+001	1.468E+001	1.612E+001
96	1.307E+001	1.440E+001	1.582E+001
97	1.281E+001	1.412E+001	1.553E+001
98	1.256E+001	1.385E+001	1.524E+001
99	1.232E+001	1.359E+001	1.496E+001
100	1.208E+001	1.333E+001	1.468E+001
101	1.184E+001	1.308E+001	1.441E+001
102	1.161E+001	1.283E+001	1.414E+001
103	1.139E+001	1.259E+001	1.388E+001
104	1.117E+001	1.235E+001	1.363E+001
105	1.096E+001	1.212E+001	1.338E+001
106	1.075E+001	1.190E+001	1.314E+001
107	1.054E+001	1.168E+001	1.290E+001
108	1.034E+001	1.146E+001	1.267E+001
109	1.015E+001	1.125E+001	1.244E+001
110	9.954E+000	1.104E+001	1.222E+001
111	9.767E+000	1.084E+001	1.200E+001
112	9.584E+000	1.064E+001	1.179E+001
113	9.405E+000	1.045E+001	1.158E+001
114	9.230E+000	1.026E+001	1.137E+001
115	9.059E+000	1.007E+001	1.117E+001
116	8.891E+000	9.891E+000	1.098E+001
117	8.727E+000	9.713E+000	1.078E+001
118	8.567E+000	9.539E+000	1.060E+001
119	8.409E+000	9.368E+000	1.041E+001
120	8.255E+000	9.201E+000	1.023E+001
121	8.105E+000	9.037E+000	1.005E+001
122	7.957E+000	8.877E+000	9.877E+000
123	7.813E+000	8.719E+000	9.707E+000
124	7.671E+000	8.565E+000	9.540E+000
125	7.533E+000	8.414E+000	9.376E+000