NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-2N680J [T,B]

RESISTANCE(at25℃)	68 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2650 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.430E+002	7.291E+002	8.246E+002
-39	6.167E+002	6.982E+002	7.885E+002
-38	5.915E+002	6.688E+002	7.542E+002
-37	5.675E+002	6.407E+002	7.215E+002
-36	5.446E+002	6.139E+002	6.904E+002
-35	5.226E+002	5.884E+002	6.607E+002
-34	5.017E+002	5.640E+002	6.325E+002
-33	4.817E+002	5.407E+002	6.055E+002
-32	4.625E+002	5.185E+002	5.799E+002
-31	4.442E+002	4.974E+002	5.554E+002
-30	4.267E+002	4.771E+002	5.321E+002
-29	4.100E+002	4.577E+002	5.098E+002
-28	3.939E+002	4.393E+002	4.886E+002
-27	3.786E+002	4.216E+002	4.684E+002
-26	3.640E+002	4.048E+002	4.491E+002
-25	3.500E+002	3.887E+002	4.307E+002
-24	3.366E+002	3.734E+002	4.131E+002
-23	3.238E+002	3.587E+002	3.964E+002
-22	3.115E+002	3.447E+002	3.804E+002
-21	2.998E+002	3.313E+002	3.652E+002
-20	2.886E+002	3.185E+002	3.507E+002
-19	2.778E+002	3.063E+002	3.368E+002
-18	2.676E+002	2.946E+002	3.235E+002
-17	2.577E+002	2.834E+002	3.109E+002
-16	2.483E+002	2.727E+002	2.988E+002
-15	2.393E+002	2.625E+002	2.872E+002
-14	2.306E+002	2.527E+002	2.762E+002
-13	2.223E+002	2.433E+002	2.656E+002
-12	2.144E+002	2.344E+002	2.556E+002
-11	2.068E+002	2.258E+002	2.459E+002
-10	1.995E+002	2.176E+002	2.367E+002
-9	1.925E+002	2.097E+002	2.279E+002
-8	1.858E+002	2.021E+002	2.194E+002
-7	1.793E+002	1.949E+002	2.113E+002
-6	1.731E+002	1.880E+002	2.036E+002
-5	1.672E+002	1.813E+002	1.962E+002
-4	1.615E+002	1.750E+002	1.891E+002
-3	1.560E+002	1.689E+002	1.823E+002
-2	1.508E+002	1.630E+002	1.758E+002
-1	1.457E+002	1.574E+002	1.695E+002
0	1.409E+002	1.520E+002	1.635E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.409E+002	1.520E+002	1.635E+002
1	1.363E+002	1.468E+002	1.578E+002
2	1.318E+002	1.418E+002	1.523E+002
3	1.275E+002	1.371E+002	1.470E+002
4	1.234E+002	1.325E+002	1.420E+002
5	1.194E+002	1.281E+002	1.371E+002
6	1.156E+002	1.239E+002	1.324E+002
7	1.119E+002	1.198E+002	1.280E+002
8	1.083E+002	1.159E+002	1.237E+002
9	1.049E+002	1.121E+002	1.195E+002
10	1.016E+002	1.085E+002	1.156E+002
11	9.847E+001	1.050E+002	1.117E+002
12	9.542E+001	1.017E+002	1.081E+002
13	9.249E+001	9.845E+001	1.045E+002
14	8.967E+001	9.535E+001	1.011E+002
15	8.695E+001	9.237E+001	9.789E+001
16	8.433E+001	8.951E+001	9.476E+001
17	8.180E+001	8.674E+001	9.175E+001
18	7.937E+001	8.409E+001	8.886E+001
19	7.703E+001	8.153E+001	8.607E+001
20	7.476E+001	7.906E+001	8.339E+001
21	7.258E+001	7.668E+001	8.081E+001
22	7.048E+001	7.439E+001	7.832E+001
23	6.845E+001	7.218E+001	7.593E+001
24	6.649E+001	7.005E+001	7.362E+001
25	6.460E+001	6.800E+001	7.140E+001
26	6.266E+001	6.602E+001	6.938E+001
27	6.079E+001	6.411E+001	6.743E+001
28	5.899E+001	6.226E+001	6.555E+001
29	5.725E+001	6.048E+001	6.373E+001
30	5.558E+001	5.876E+001	6.197E+001
31	5.396E+001	5.710E+001	6.027E+001
32	5.240E+001	5.550E+001	5.863E+001
33	5.089E+001	5.395E+001	5.704E+001
34	4.944E+001	5.245E+001	5.550E+001
35	4.804E+001	5.100E+001	5.402E+001
36	4.668E+001	4.960E+001	5.258E+001
37	4.537E+001	4.825E+001	5.119E+001
38	4.410E+001	4.695E+001	4.985E+001
39	4.288E+001	4.568E+001	4.854E+001
40	4.170E+001	4.446E+001	4.728E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.170E+001	4.446E+001	4.728E+001
41	4.056E+001	4.328E+001	4.606E+001
42	3.945E+001	4.213E+001	4.488E+001
43	3.839E+001	4.103E+001	4.374E+001
44	3.735E+001	3.995E+001	4.263E+001
45	3.635E+001	3.891E+001	4.155E+001
46	3.539E+001	3.791E+001	4.051E+001
47	3.445E+001	3.693E+001	3.950E+001
48	3.354E+001	3.599E+001	3.852E+001
49	3.267E+001	3.508E+001	3.757E+001
50	3.182E+001	3.419E+001	3.665E+001
51	3.099E+001	3.333E+001	3.575E+001
52	3.019E+001	3.249E+001	3.488E+001
53	2.942E+001	3.168E+001	3.404E+001
54	2.867E+001	3.090E+001	3.322E+001
55	2.794E+001	3.014E+001	3.242E+001
56	2.724E+001	2.940E+001	3.165E+001
57	2.655E+001	2.868E+001	3.090E+001
58	2.589E+001	2.798E+001	3.018E+001
59	2.525E+001	2.731E+001	2.947E+001
60	2.462E+001	2.665E+001	2.878E+001
61	2.401E+001	2.601E+001	2.811E+001
62	2.342E+001	2.539E+001	2.746E+001
63	2.285E+001	2.479E+001	2.683E+001
64	2.230E+001	2.421E+001	2.621E+001
65	2.176E+001	2.364E+001	2.562E+001
66	2.124E+001	2.309E+001	2.504E+001
67	2.073E+001	2.255E+001	2.448E+001
68	2.024E+001	2.204E+001	2.393E+001
69	1.976E+001	2.153E+001	2.340E+001
70	1.930E+001	2.104E+001	2.288E+001
71	1.885E+001	2.056E+001	2.238E+001
72	1.842E+001	2.010E+001	2.189E+001
73	1.799E+001	1.965E+001	2.141E+001
74	1.758E+001	1.922E+001	2.095E+001
75	1.718E+001	1.879E+001	2.050E+001
76	1.679E+001	1.838E+001	2.007E+001
77	1.642E+001	1.798E+001	1.964E+001
78	1.605E+001	1.759E+001	1.923E+001
79	1.569E+001	1.721E+001	1.882E+001
80	1.535E+001	1.684E+001	1.843E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.535E+001	1.684E+001	1.843E+001
81	1.501E+001	1.648E+001	1.805E+001
82	1.468E+001	1.613E+001	1.768E+001
83	1.437E+001	1.579E+001	1.732E+001
84	1.406E+001	1.546E+001	1.697E+001
85	1.376E+001	1.514E+001	1.662E+001
86	1.346E+001	1.483E+001	1.629E+001
87	1.318E+001	1.452E+001	1.597E+001
88	1.290E+001	1.423E+001	1.565E+001
89	1.263E+001	1.394E+001	1.534E+001
90	1.237E+001	1.366E+001	1.504E+001
91	1.211E+001	1.338E+001	1.475E+001
92	1.187E+001	1.312E+001	1.446E+001
93	1.162E+001	1.286E+001	1.419E+001
94	1.139E+001	1.260E+001	1.392E+001
95	1.116E+001	1.236E+001	1.365E+001
96	1.094E+001	1.212E+001	1.339E+001
97	1.072E+001	1.188E+001	1.314E+001
98	1.050E+001	1.165E+001	1.289E+001
99	1.030E+001	1.143E+001	1.265E+001
100	1.009E+001	1.121E+001	1.242E+001
101	9.897E+000	1.100E+001	1.219E+001
102	9.704E+000	1.079E+001	1.197E+001
103	9.516E+000	1.059E+001	1.175E+001
104	9.332E+000	1.039E+001	1.153E+001
105	9.153E+000	1.019E+001	1.132E+001
106	8.978E+000	1.000E+001	1.112E+001
107	8.808E+000	9.820E+000	1.092E+001
108	8.641E+000	9.640E+000	1.073E+001
109	8.479E+000	9.464E+000	1.054E+001
110	8.320E+000	9.292E+000	1.035E+001
111	8.165E+000	9.124E+000	1.017E+001
112	8.014E+000	8.959E+000	9.991E+000
113	7.866E+000	8.799E+000	9.818E+000
114	7.722E+000	8.642E+000	9.648E+000
115	7.581E+000	8.489E+000	9.482E+000
116	7.444E+000	8.339E+000	9.320E+000
117	7.309E+000	8.193E+000	9.161E+000
118	7.178E+000	8.050E+000	9.006E+000
119	7.049E+000	7.910E+000	8.854E+000
120	6.924E+000	7.774E+000	8.705E+000
121	6.801E+000	7.640E+000	8.560E+000
122	6.682E+000	7.509E+000	8.418E+000
123	6.564E+000	7.381E+000	8.279E+000
124	6.450E+000	7.256E+000	8.142E+000
125	6.338E+000	7.134E+000	8.009E+000