NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC05-2S680J [R,B]

RESISTANCE(at25℃)	68 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2750 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	7.127E+002	8.103E+002	9.191E+002
-39	6.804E+002	7.724E+002	8.748E+002
-38	6.498E+002	7.366E+002	8.330E+002
-37	6.208E+002	7.027E+002	7.935E+002
-36	5.934E+002	6.707E+002	7.562E+002
-35	5.673E+002	6.403E+002	7.209E+002
-34	5.427E+002	6.116E+002	6.875E+002
-33	5.192E+002	5.844E+002	6.560E+002
-32	4.970E+002	5.585E+002	6.261E+002
-31	4.759E+002	5.341E+002	5.978E+002
-30	4.559E+002	5.108E+002	5.710E+002
-29	4.368E+002	4.888E+002	5.456E+002
-28	4.186E+002	4.678E+002	5.215E+002
-27	4.014E+002	4.479E+002	4.986E+002
-26	3.850E+002	4.290E+002	4.770E+002
-25	3.694E+002	4.111E+002	4.564E+002
-24	3.545E+002	3.940E+002	4.369E+002
-23	3.404E+002	3.778E+002	4.183E+002
-22	3.269E+002	3.624E+002	4.007E+002
-21	3.140E+002	3.477E+002	3.840E+002
-20	3.018E+002	3.337E+002	3.680E+002
-19	2.901E+002	3.204E+002	3.529E+002
-18	2.790E+002	3.077E+002	3.385E+002
-17	2.684E+002	2.956E+002	3.248E+002
-16	2.582E+002	2.841E+002	3.118E+002
-15	2.485E+002	2.731E+002	2.993E+002
-14	2.393E+002	2.626E+002	2.874E+002
-13	2.304E+002	2.525E+002	2.761E+002
-12	2.219E+002	2.429E+002	2.653E+002
-11	2.138E+002	2.337E+002	2.549E+002
-10	2.060E+002	2.250E+002	2.451E+002
-9	1.985E+002	2.166E+002	2.356E+002
-8	1.914E+002	2.085E+002	2.266E+002
-7	1.846E+002	2.009E+002	2.180E+002
-6	1.780E+002	1.935E+002	2.098E+002
-5	1.718E+002	1.865E+002	2.020E+002
-4	1.657E+002	1.797E+002	1.944E+002
-3	1.600E+002	1.733E+002	1.873E+002
-2	1.544E+002	1.671E+002	1.804E+002
-1	1.491E+002	1.612E+002	1.738E+002
0	1.441E+002	1.555E+002	1.675E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.441E+002	1.555E+002	1.675E+002
1	1.392E+002	1.501E+002	1.615E+002
2	1.345E+002	1.449E+002	1.557E+002
3	1.300E+002	1.399E+002	1.501E+002
4	1.257E+002	1.351E+002	1.448E+002
5	1.215E+002	1.305E+002	1.397E+002
6	1.175E+002	1.260E+002	1.349E+002
7	1.137E+002	1.218E+002	1.302E+002
8	1.100E+002	1.177E+002	1.257E+002
9	1.064E+002	1.138E+002	1.214E+002
10	1.030E+002	1.100E+002	1.172E+002
11	9.971E+001	1.064E+002	1.133E+002
12	9.655E+001	1.029E+002	1.094E+002
13	9.350E+001	9.957E+001	1.058E+002
14	9.057E+001	9.635E+001	1.022E+002
15	8.775E+001	9.326E+001	9.887E+001
16	8.503E+001	9.028E+001	9.561E+001
17	8.241E+001	8.741E+001	9.249E+001
18	7.989E+001	8.466E+001	8.948E+001
19	7.746E+001	8.200E+001	8.659E+001
20	7.512E+001	7.944E+001	8.381E+001
21	7.286E+001	7.698E+001	8.114E+001
22	7.068E+001	7.461E+001	7.856E+001
23	6.858E+001	7.232E+001	7.608E+001
24	6.655E+001	7.012E+001	7.370E+001
25	6.460E+001	6.800E+001	7.140E+001
26	6.260E+001	6.595E+001	6.932E+001
27	6.067E+001	6.398E+001	6.730E+001
28	5.881E+001	6.208E+001	6.536E+001
29	5.702E+001	6.024E+001	6.349E+001
30	5.530E+001	5.847E+001	6.168E+001
31	5.363E+001	5.676E+001	5.993E+001
32	5.202E+001	5.511E+001	5.824E+001
33	5.048E+001	5.352E+001	5.660E+001
34	4.898E+001	5.198E+001	5.502E+001
35	4.754E+001	5.049E+001	5.350E+001
36	4.615E+001	4.906E+001	5.202E+001
37	4.481E+001	4.767E+001	5.059E+001
38	4.351E+001	4.633E+001	4.921E+001
39	4.226E+001	4.504E+001	4.788E+001
40	4.105E+001	4.379E+001	4.659E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.105E+001	4.379E+001	4.659E+001
41	3.988E+001	4.257E+001	4.534E+001
42	3.875E+001	4.140E+001	4.413E+001
43	3.766E+001	4.027E+001	4.295E+001
44	3.660E+001	3.917E+001	4.182E+001
45	3.558E+001	3.811E+001	4.072E+001
46	3.460E+001	3.709E+001	3.966E+001
47	3.365E+001	3.610E+001	3.863E+001
48	3.273E+001	3.514E+001	3.763E+001
49	3.184E+001	3.421E+001	3.667E+001
50	3.098E+001	3.331E+001	3.574E+001
51	3.015E+001	3.245E+001	3.483E+001
52	2.934E+001	3.161E+001	3.396E+001
53	2.857E+001	3.079E+001	3.311E+001
54	2.781E+001	3.000E+001	3.229E+001
55	2.708E+001	2.924E+001	3.149E+001
56	2.638E+001	2.850E+001	3.072E+001
57	2.569E+001	2.778E+001	2.996E+001
58	2.503E+001	2.709E+001	2.924E+001
59	2.439E+001	2.641E+001	2.853E+001
60	2.377E+001	2.576E+001	2.784E+001
61	2.316E+001	2.512E+001	2.718E+001
62	2.258E+001	2.451E+001	2.653E+001
63	2.201E+001	2.391E+001	2.590E+001
64	2.146E+001	2.333E+001	2.529E+001
65	2.093E+001	2.276E+001	2.470E+001
66	2.041E+001	2.222E+001	2.412E+001
67	1.991E+001	2.169E+001	2.356E+001
68	1.942E+001	2.117E+001	2.302E+001
69	1.895E+001	2.067E+001	2.249E+001
70	1.850E+001	2.019E+001	2.198E+001
71	1.805E+001	1.972E+001	2.149E+001
72	1.762E+001	1.926E+001	2.100E+001
73	1.721E+001	1.882E+001	2.053E+001
74	1.680E+001	1.839E+001	2.008E+001
75	1.641E+001	1.797E+001	1.963E+001
76	1.602E+001	1.756E+001	1.920E+001
77	1.565E+001	1.717E+001	1.878E+001
78	1.529E+001	1.678E+001	1.837E+001
79	1.494E+001	1.641E+001	1.797E+001
80	1.460E+001	1.604E+001	1.759E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.460E+001	1.604E+001	1.759E+001
81	1.426E+001	1.568E+001	1.720E+001
82	1.394E+001	1.534E+001	1.683E+001
83	1.362E+001	1.500E+001	1.647E+001
84	1.331E+001	1.467E+001	1.612E+001
85	1.301E+001	1.435E+001	1.578E+001
86	1.272E+001	1.404E+001	1.545E+001
87	1.244E+001	1.374E+001	1.513E+001
88	1.217E+001	1.344E+001	1.481E+001
89	1.190E+001	1.315E+001	1.450E+001
90	1.164E+001	1.288E+001	1.421E+001
91	1.139E+001	1.261E+001	1.392E+001
92	1.115E+001	1.234E+001	1.364E+001
93	1.091E+001	1.209E+001	1.336E+001
94	1.068E+001	1.184E+001	1.309E+001
95	1.045E+001	1.159E+001	1.283E+001
96	1.023E+001	1.136E+001	1.258E+001
97	1.002E+001	1.113E+001	1.233E+001
98	9.806E+000	1.090E+001	1.208E+001
99	9.603E+000	1.068E+001	1.185E+001
100	9.405E+000	1.047E+001	1.162E+001
101	9.212E+000	1.026E+001	1.139E+001
102	9.023E+000	1.005E+001	1.117E+001
103	8.840E+000	9.855E+000	1.096E+001
104	8.661E+000	9.661E+000	1.075E+001
105	8.487E+000	9.472E+000	1.055E+001
106	8.317E+000	9.288E+000	1.035E+001
107	8.151E+000	9.108E+000	1.015E+001
108	7.989E+000	8.932E+000	9.961E+000
109	7.831E+000	8.761E+000	9.776E+000
110	7.678E+000	8.593E+000	9.594E+000
111	7.527E+000	8.430E+000	9.417E+000
112	7.381E+000	8.271E+000	9.244E+000
113	7.238E+000	8.115E+000	9.075E+000
114	7.099E+000	7.963E+000	8.910E+000
115	6.962E+000	7.814E+000	8.749E+000
116	6.829E+000	7.669E+000	8.591E+000
117	6.700E+000	7.528E+000	8.437E+000
118	6.573E+000	7.389E+000	8.286E+000
119	6.449E+000	7.254E+000	8.139E+000
120	6.328E+000	7.122E+000	7.995E+000
121	6.210E+000	6.993E+000	7.854E+000
122	6.095E+000	6.867E+000	7.717E+000
123	5.982E+000	6.743E+000	7.582E+000
124	5.872E+000	6.623E+000	7.451E+000
125	5.765E+000	6.505E+000	7.322E+000