NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3G202H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	2000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	103.5	B-TOLERANCE(K)	103.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.740E+04	4.248E+04	4.820E+04
-39	3.539E+04	4.011E+04	4.543E+04
-38	3.349E+04	3.789E+04	4.283E+04
-37	3.171E+04	3.581E+04	4.040E+04
-36	3.003E+04	3.385E+04	3.813E+04
-35	2.846E+04	3.202E+04	3.599E+04
-34	2.697E+04	3.029E+04	3.399E+04
-33	2.557E+04	2.867E+04	3.211E+04
-32	2.426E+04	2.715E+04	3.035E+04
-31	2.302E+04	2.571E+04	2.870E+04
-30	2.185E+04	2.436E+04	2.714E+04
-29	2.074E+04	2.309E+04	2.568E+04
-28	1.970E+04	2.189E+04	2.430E+04
-27	1.872E+04	2.076E+04	2.301E+04
-26	1.779E+04	1.970E+04	2.180E+04
-25	1.691E+04	1.870E+04	2.065E+04
-24	1.608E+04	1.775E+04	1.958E+04
-23	1.530E+04	1.686E+04	1.856E+04
-22	1.456E+04	1.602E+04	1.761E+04
-21	1.386E+04	1.523E+04	1.671E+04
-20	1.320E+04	1.448E+04	1.586E+04
-19	1.258E+04	1.377E+04	1.506E+04
-18	1.199E+04	1.310E+04	1.431E+04
-17	1.143E+04	1.247E+04	1.360E+04
-16	1.090E+04	1.187E+04	1.292E+04
-15	1.039E+04	1.131E+04	1.229E+04
-14	9.915E+03	1.077E+04	1.169E+04
-13	9.462E+03	1.026E+04	1.112E+04
-12	9.032E+03	9.781E+03	1.058E+04
-11	8.625E+03	9.326E+03	1.007E+04
-10	8.238E+03	8.894E+03	9.593E+03
-9	7.870E+03	8.484E+03	9.138E+03
-8	7.520E+03	8.095E+03	8.706E+03
-7	7.188E+03	7.726E+03	8.297E+03
-6	6.873E+03	7.377E+03	7.910E+03
-5	6.573E+03	7.045E+03	7.544E+03
-4	6.288E+03	6.730E+03	7.196E+03
-3	6.018E+03	6.431E+03	6.867E+03
-2	5.760E+03	6.147E+03	6.554E+03
-1	5.515E+03	5.877E+03	6.257E+03
0	5.281E+03	5.621E+03	5.976E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	5.281E+03	5.621E+03	5.976E+03
1	5.059E+03	5.377E+03	5.709E+03
2	4.848E+03	5.145E+03	5.455E+03
3	4.646E+03	4.924E+03	5.214E+03
4	4.454E+03	4.715E+03	4.985E+03
5	4.271E+03	4.515E+03	4.768E+03
6	4.097E+03	4.325E+03	4.561E+03
7	3.931E+03	4.144E+03	4.364E+03
8	3.772E+03	3.971E+03	4.177E+03
9	3.621E+03	3.807E+03	3.999E+03
10	3.476E+03	3.650E+03	3.829E+03
11	3.338E+03	3.501E+03	3.668E+03
12	3.207E+03	3.358E+03	3.514E+03
13	3.081E+03	3.223E+03	3.368E+03
14	2.961E+03	3.093E+03	3.228E+03
15	2.846E+03	2.969E+03	3.096E+03
16	2.736E+03	2.851E+03	2.969E+03
17	2.631E+03	2.739E+03	2.848E+03
18	2.531E+03	2.631E+03	2.733E+03
19	2.435E+03	2.528E+03	2.623E+03
20	2.343E+03	2.430E+03	2.518E+03
21	2.255E+03	2.336E+03	2.418E+03
22	2.171E+03	2.246E+03	2.322E+03
23	2.091E+03	2.161E+03	2.231E+03
24	2.014E+03	2.078E+03	2.143E+03
25	1.940E+03	2.000E+03	2.060E+03
26	1.865E+03	1.925E+03	1.985E+03
27	1.793E+03	1.853E+03	1.913E+03
28	1.725E+03	1.784E+03	1.844E+03
29	1.659E+03	1.718E+03	1.778E+03
30	1.596E+03	1.655E+03	1.715E+03
31	1.536E+03	1.595E+03	1.654E+03
32	1.479E+03	1.537E+03	1.596E+03
33	1.424E+03	1.481E+03	1.540E+03
34	1.371E+03	1.428E+03	1.486E+03
35	1.321E+03	1.377E+03	1.435E+03
36	1.273E+03	1.328E+03	1.385E+03
37	1.226E+03	1.281E+03	1.338E+03
38	1.182E+03	1.236E+03	1.292E+03
39	1.140E+03	1.193E+03	1.248E+03
40	1.099E+03	1.152E+03	1.206E+03
41	1.060E+03	1.112E+03	1.166E+03
42	1.022E+03	1.074E+03	1.127E+03
43	9.861E+02	1.037E+03	1.089E+03
44	9.516E+02	1.002E+03	1.053E+03
45	9.184E+02	9.677E+02	1.019E+03
46	8.866E+02	9.352E+02	9.855E+02
47	8.561E+02	9.039E+02	9.535E+02
48	8.268E+02	8.738E+02	9.227E+02
49	7.986E+02	8.449E+02	8.930E+02
50	7.715E+02	8.171E+02	8.645E+02

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B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	103.5	B-TOLERANCE(K)	103.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	7.715E+02	8.171E+02	8.645E+02
51	7.456E+02	7.903E+02	8.370E+02
52	7.206E+02	7.646E+02	8.106E+02
53	6.966E+02	7.399E+02	7.852E+02
54	6.736E+02	7.161E+02	7.606E+02
55	6.514E+02	6.932E+02	7.370E+02
56	6.301E+02	6.711E+02	7.142E+02
57	6.095E+02	6.499E+02	6.923E+02
58	5.898E+02	6.294E+02	6.711E+02
59	5.708E+02	6.097E+02	6.507E+02
60	5.525E+02	5.907E+02	6.311E+02
61	5.349E+02	5.725E+02	6.121E+02
62	5.179E+02	5.548E+02	5.938E+02
63	5.016E+02	5.378E+02	5.761E+02
64	4.859E+02	5.214E+02	5.591E+02
65	4.707E+02	5.056E+02	5.426E+02
66	4.561E+02	4.904E+02	5.267E+02
67	4.420E+02	4.757E+02	5.114E+02
68	4.285E+02	4.615E+02	4.966E+02
69	4.154E+02	4.478E+02	4.822E+02
70	4.027E+02	4.345E+02	4.684E+02
71	3.905E+02	4.217E+02	4.550E+02
72	3.787E+02	4.093E+02	4.420E+02
73	3.674E+02	3.974E+02	4.295E+02
74	3.564E+02	3.859E+02	4.174E+02
75	3.458E+02	3.747E+02	4.057E+02
76	3.356E+02	3.640E+02	3.944E+02
77	3.257E+02	3.536E+02	3.835E+02
78	3.162E+02	3.435E+02	3.729E+02
79	3.070E+02	3.338E+02	3.626E+02
80	2.981E+02	3.244E+02	3.527E+02
81	2.896E+02	3.154E+02	3.431E+02
82	2.813E+02	3.066E+02	3.339E+02
83	2.733E+02	2.981E+02	3.249E+02
84	2.655E+02	2.899E+02	3.162E+02
85	2.580E+02	2.819E+02	3.078E+02
86	2.508E+02	2.742E+02	2.996E+02
87	2.438E+02	2.668E+02	2.917E+02
88	2.370E+02	2.596E+02	2.840E+02
89	2.304E+02	2.526E+02	2.766E+02
90	2.241E+02	2.458E+02	2.694E+02
91	2.179E+02	2.392E+02	2.624E+02
92	2.119E+02	2.329E+02	2.556E+02
93	2.062E+02	2.267E+02	2.491E+02
94	2.006E+02	2.207E+02	2.427E+02
95	1.952E+02	2.149E+02	2.365E+02
96	1.899E+02	2.093E+02	2.305E+02
97	1.849E+02	2.039E+02	2.247E+02
98	1.799E+02	1.986E+02	2.190E+02
99	1.752E+02	1.935E+02	2.136E+02
100	1.706E+02	1.886E+02	2.083E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.706E+02	1.886E+02	2.083E+02
101	1.661E+02	1.838E+02	2.031E+02
102	1.618E+02	1.791E+02	1.981E+02
103	1.576E+02	1.746E+02	1.933E+02
104	1.535E+02	1.702E+02	1.886E+02
105	1.496E+02	1.660E+02	1.840E+02
106	1.458E+02	1.618E+02	1.795E+02
107	1.421E+02	1.578E+02	1.752E+02
108	1.385E+02	1.539E+02	1.710E+02
109	1.350E+02	1.502E+02	1.669E+02
110	1.316E+02	1.465E+02	1.630E+02