NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3H502H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 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	1.014E+05	1.152E+05	1.307E+05
-39	9.566E+04	1.084E+05	1.228E+05
-38	9.026E+04	1.021E+05	1.154E+05
-37	8.521E+04	9.623E+04	1.086E+05
-36	8.047E+04	9.071E+04	1.022E+05
-35	7.604E+04	8.555E+04	9.617E+04
-34	7.187E+04	8.072E+04	9.058E+04
-33	6.797E+04	7.620E+04	8.535E+04
-32	6.431E+04	7.197E+04	8.046E+04
-31	6.087E+04	6.800E+04	7.589E+04
-30	5.764E+04	6.427E+04	7.161E+04
-29	5.460E+04	6.078E+04	6.760E+04
-28	5.175E+04	5.750E+04	6.384E+04
-27	4.906E+04	5.442E+04	6.032E+04
-26	4.653E+04	5.153E+04	5.702E+04
-25	4.415E+04	4.881E+04	5.392E+04
-24	4.191E+04	4.626E+04	5.101E+04
-23	3.979E+04	4.385E+04	4.828E+04
-22	3.780E+04	4.159E+04	4.571E+04
-21	3.592E+04	3.945E+04	4.329E+04
-20	3.415E+04	3.744E+04	4.102E+04
-19	3.247E+04	3.555E+04	3.888E+04
-18	3.089E+04	3.376E+04	3.687E+04
-17	2.939E+04	3.208E+04	3.498E+04
-16	2.798E+04	3.049E+04	3.319E+04
-15	2.665E+04	2.899E+04	3.151E+04
-14	2.539E+04	2.758E+04	2.993E+04
-13	2.419E+04	2.624E+04	2.843E+04
-12	2.306E+04	2.498E+04	2.702E+04
-11	2.200E+04	2.378E+04	2.569E+04
-10	2.098E+04	2.265E+04	2.444E+04
-9	2.003E+04	2.159E+04	2.325E+04
-8	1.912E+04	2.058E+04	2.213E+04
-7	1.826E+04	1.962E+04	2.107E+04
-6	1.744E+04	1.872E+04	2.007E+04
-5	1.666E+04	1.786E+04	1.912E+04
-4	1.593E+04	1.705E+04	1.823E+04
-3	1.523E+04	1.627E+04	1.738E+04
-2	1.456E+04	1.554E+04	1.657E+04
-1	1.393E+04	1.485E+04	1.581E+04
0	1.333E+04	1.419E+04	1.509E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.333E+04	1.419E+04	1.509E+04
1	1.276E+04	1.356E+04	1.440E+04
2	1.222E+04	1.297E+04	1.375E+04
3	1.171E+04	1.241E+04	1.314E+04
4	1.121E+04	1.187E+04	1.255E+04
5	1.075E+04	1.136E+04	1.200E+04
6	1.030E+04	1.088E+04	1.147E+04
7	9.879E+03	1.041E+04	1.097E+04
8	9.476E+03	9.976E+03	1.049E+04
9	9.091E+03	9.559E+03	1.004E+04
10	8.724E+03	9.161E+03	9.611E+03
11	8.375E+03	8.783E+03	9.202E+03
12	8.042E+03	8.422E+03	8.814E+03
13	7.723E+03	8.079E+03	8.443E+03
14	7.420E+03	7.752E+03	8.091E+03
15	7.130E+03	7.439E+03	7.755E+03
16	6.853E+03	7.141E+03	7.436E+03
17	6.588E+03	6.857E+03	7.131E+03
18	6.335E+03	6.586E+03	6.841E+03
19	6.094E+03	6.327E+03	6.564E+03
20	5.863E+03	6.080E+03	6.300E+03
21	5.642E+03	5.844E+03	6.048E+03
22	5.431E+03	5.618E+03	5.807E+03
23	5.229E+03	5.403E+03	5.578E+03
24	5.035E+03	5.197E+03	5.359E+03
25	4.850E+03	5.000E+03	5.150E+03
26	4.662E+03	4.812E+03	4.962E+03
27	4.482E+03	4.631E+03	4.781E+03
28	4.310E+03	4.459E+03	4.609E+03
29	4.146E+03	4.294E+03	4.443E+03
30	3.989E+03	4.136E+03	4.285E+03
31	3.839E+03	3.985E+03	4.133E+03
32	3.695E+03	3.840E+03	3.987E+03
33	3.558E+03	3.701E+03	3.847E+03
34	3.426E+03	3.568E+03	3.713E+03
35	3.300E+03	3.440E+03	3.584E+03
36	3.179E+03	3.318E+03	3.460E+03
37	3.063E+03	3.201E+03	3.342E+03
38	2.953E+03	3.088E+03	3.228E+03
39	2.847E+03	2.981E+03	3.118E+03
40	2.745E+03	2.877E+03	3.013E+03
41	2.647E+03	2.778E+03	2.912E+03
42	2.554E+03	2.682E+03	2.815E+03
43	2.464E+03	2.591E+03	2.722E+03
44	2.378E+03	2.503E+03	2.632E+03
45	2.295E+03	2.418E+03	2.546E+03
46	2.216E+03	2.337E+03	2.463E+03
47	2.140E+03	2.259E+03	2.383E+03
48	2.067E+03	2.184E+03	2.306E+03
49	1.996E+03	2.112E+03	2.232E+03
50	1.929E+03	2.043E+03	2.161E+03

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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	1.929E+03	2.043E+03	2.161E+03
51	1.864E+03	1.976E+03	2.093E+03
52	1.802E+03	1.912E+03	2.027E+03
53	1.742E+03	1.850E+03	1.963E+03
54	1.684E+03	1.790E+03	1.902E+03
55	1.629E+03	1.733E+03	1.843E+03
56	1.575E+03	1.678E+03	1.786E+03
57	1.524E+03	1.625E+03	1.731E+03
58	1.475E+03	1.574E+03	1.678E+03
59	1.427E+03	1.525E+03	1.627E+03
60	1.382E+03	1.477E+03	1.578E+03
61	1.338E+03	1.432E+03	1.531E+03
62	1.295E+03	1.388E+03	1.485E+03
63	1.255E+03	1.345E+03	1.441E+03
64	1.215E+03	1.304E+03	1.399E+03
65	1.178E+03	1.265E+03	1.357E+03
66	1.141E+03	1.227E+03	1.318E+03
67	1.106E+03	1.190E+03	1.279E+03
68	1.072E+03	1.155E+03	1.242E+03
69	1.039E+03	1.120E+03	1.207E+03
70	1.008E+03	1.087E+03	1.172E+03
71	9.772E+02	1.055E+03	1.139E+03
72	9.478E+02	1.024E+03	1.106E+03
73	9.194E+02	9.946E+02	1.075E+03
74	8.920E+02	9.657E+02	1.045E+03
75	8.655E+02	9.379E+02	1.015E+03
76	8.399E+02	9.110E+02	9.871E+02
77	8.153E+02	8.849E+02	9.597E+02
78	7.914E+02	8.598E+02	9.332E+02
79	7.684E+02	8.354E+02	9.075E+02
80	7.461E+02	8.119E+02	8.827E+02
81	7.245E+02	7.891E+02	8.586E+02
82	7.037E+02	7.671E+02	8.353E+02
83	6.836E+02	7.457E+02	8.128E+02
84	6.641E+02	7.251E+02	7.909E+02
85	6.453E+02	7.051E+02	7.698E+02
86	6.271E+02	6.858E+02	7.493E+02
87	6.096E+02	6.671E+02	7.294E+02
88	5.925E+02	6.490E+02	7.102E+02
89	5.761E+02	6.315E+02	6.916E+02
90	5.602E+02	6.145E+02	6.735E+02
91	5.449E+02	5.982E+02	6.561E+02
92	5.300E+02	5.823E+02	6.393E+02
93	5.156E+02	5.670E+02	6.229E+02
94	5.017E+02	5.521E+02	6.070E+02
95	4.882E+02	5.376E+02	5.915E+02
96	4.751E+02	5.236E+02	5.765E+02
97	4.623E+02	5.099E+02	5.619E+02
98	4.500E+02	4.967E+02	5.478E+02
99	4.381E+02	4.839E+02	5.340E+02
100	4.264E+02	4.714E+02	5.206E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	4.264E+02	4.714E+02	5.206E+02
101	4.151E+02	4.592E+02	5.076E+02
102	4.041E+02	4.474E+02	4.949E+02
103	3.935E+02	4.359E+02	4.825E+02
104	3.832E+02	4.248E+02	4.706E+02
105	3.732E+02	4.140E+02	4.589E+02
106	3.635E+02	4.035E+02	4.476E+02
107	3.540E+02	3.934E+02	4.367E+02
108	3.449E+02	3.835E+02	4.260E+02
109	3.360E+02	3.739E+02	4.157E+02
110	3.274E+02	3.646E+02	4.056E+02