NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3H103H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 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	2.029E+05	2.304E+05	2.614E+05
-39	1.913E+05	2.169E+05	2.456E+05
-38	1.805E+05	2.042E+05	2.309E+05
-37	1.704E+05	1.925E+05	2.171E+05
-36	1.609E+05	1.814E+05	2.043E+05
-35	1.521E+05	1.711E+05	1.923E+05
-34	1.437E+05	1.614E+05	1.812E+05
-33	1.359E+05	1.524E+05	1.707E+05
-32	1.286E+05	1.439E+05	1.609E+05
-31	1.217E+05	1.360E+05	1.518E+05
-30	1.153E+05	1.285E+05	1.432E+05
-29	1.092E+05	1.216E+05	1.352E+05
-28	1.035E+05	1.150E+05	1.277E+05
-27	9.812E+04	1.088E+05	1.206E+05
-26	9.306E+04	1.031E+05	1.140E+05
-25	8.830E+04	9.763E+04	1.078E+05
-24	8.381E+04	9.251E+04	1.020E+05
-23	7.959E+04	8.770E+04	9.655E+04
-22	7.560E+04	8.317E+04	9.142E+04
-21	7.184E+04	7.891E+04	8.659E+04
-20	6.829E+04	7.489E+04	8.204E+04
-19	6.494E+04	7.110E+04	7.777E+04
-18	6.178E+04	6.753E+04	7.374E+04
-17	5.879E+04	6.416E+04	6.995E+04
-16	5.597E+04	6.098E+04	6.638E+04
-15	5.330E+04	5.798E+04	6.302E+04
-14	5.077E+04	5.515E+04	5.985E+04
-13	4.839E+04	5.248E+04	5.687E+04
-12	4.613E+04	4.995E+04	5.405E+04
-11	4.399E+04	4.757E+04	5.139E+04
-10	4.197E+04	4.531E+04	4.887E+04
-9	4.005E+04	4.318E+04	4.650E+04
-8	3.823E+04	4.116E+04	4.426E+04
-7	3.651E+04	3.924E+04	4.214E+04
-6	3.488E+04	3.743E+04	4.014E+04
-5	3.333E+04	3.572E+04	3.825E+04
-4	3.185E+04	3.409E+04	3.645E+04
-3	3.046E+04	3.255E+04	3.475E+04
-2	2.913E+04	3.109E+04	3.314E+04
-1	2.787E+04	2.970E+04	3.162E+04
0	2.667E+04	2.838E+04	3.018E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.667E+04	2.838E+04	3.018E+04
1	2.553E+04	2.713E+04	2.880E+04
2	2.444E+04	2.594E+04	2.751E+04
3	2.341E+04	2.481E+04	2.627E+04
4	2.243E+04	2.374E+04	2.510E+04
5	2.150E+04	2.272E+04	2.399E+04
6	2.061E+04	2.175E+04	2.294E+04
7	1.976E+04	2.083E+04	2.194E+04
8	1.895E+04	1.995E+04	2.099E+04
9	1.818E+04	1.912E+04	2.008E+04
10	1.745E+04	1.832E+04	1.922E+04
11	1.675E+04	1.757E+04	1.840E+04
12	1.608E+04	1.684E+04	1.763E+04
13	1.545E+04	1.616E+04	1.689E+04
14	1.484E+04	1.550E+04	1.618E+04
15	1.426E+04	1.488E+04	1.551E+04
16	1.371E+04	1.428E+04	1.487E+04
17	1.318E+04	1.371E+04	1.426E+04
18	1.267E+04	1.317E+04	1.368E+04
19	1.219E+04	1.265E+04	1.313E+04
20	1.173E+04	1.216E+04	1.260E+04
21	1.128E+04	1.169E+04	1.210E+04
22	1.086E+04	1.124E+04	1.161E+04
23	1.046E+04	1.081E+04	1.116E+04
24	1.007E+04	1.039E+04	1.072E+04
25	9.700E+03	1.000E+04	1.030E+04
26	9.324E+03	9.623E+03	9.923E+03
27	8.964E+03	9.263E+03	9.563E+03
28	8.621E+03	8.918E+03	9.217E+03
29	8.292E+03	8.588E+03	8.886E+03
30	7.978E+03	8.272E+03	8.569E+03
31	7.678E+03	7.970E+03	8.265E+03
32	7.390E+03	7.680E+03	7.973E+03
33	7.115E+03	7.402E+03	7.694E+03
34	6.852E+03	7.136E+03	7.425E+03
35	6.600E+03	6.881E+03	7.168E+03
36	6.358E+03	6.636E+03	6.920E+03
37	6.127E+03	6.402E+03	6.683E+03
38	5.905E+03	6.177E+03	6.455E+03
39	5.693E+03	5.961E+03	6.236E+03
40	5.489E+03	5.754E+03	6.026E+03
41	5.294E+03	5.555E+03	5.824E+03
42	5.107E+03	5.365E+03	5.630E+03
43	4.928E+03	5.182E+03	5.444E+03
44	4.756E+03	5.006E+03	5.264E+03
45	4.590E+03	4.837E+03	5.092E+03
46	4.432E+03	4.674E+03	4.926E+03
47	4.279E+03	4.518E+03	4.766E+03
48	4.133E+03	4.368E+03	4.613E+03
49	3.993E+03	4.224E+03	4.465E+03
50	3.858E+03	4.085E+03	4.322E+03

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TYPE	CN25-3H103H*

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25	25	50

R at T0℃	10000 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)
50	3.858E+03	4.085E+03	4.322E+03
51	3.728E+03	3.952E+03	4.185E+03
52	3.603E+03	3.823E+03	4.053E+03
53	3.483E+03	3.700E+03	3.926E+03
54	3.368E+03	3.581E+03	3.804E+03
55	3.257E+03	3.466E+03	3.686E+03
56	3.151E+03	3.356E+03	3.572E+03
57	3.048E+03	3.250E+03	3.462E+03
58	2.950E+03	3.148E+03	3.357E+03
59	2.855E+03	3.050E+03	3.255E+03
60	2.763E+03	2.955E+03	3.156E+03
61	2.676E+03	2.863E+03	3.062E+03
62	2.591E+03	2.775E+03	2.970E+03
63	2.509E+03	2.691E+03	2.882E+03
64	2.431E+03	2.609E+03	2.797E+03
65	2.355E+03	2.530E+03	2.715E+03
66	2.282E+03	2.454E+03	2.636E+03
67	2.212E+03	2.380E+03	2.559E+03
68	2.144E+03	2.309E+03	2.485E+03
69	2.079E+03	2.241E+03	2.413E+03
70	2.015E+03	2.174E+03	2.344E+03
71	1.954E+03	2.111E+03	2.277E+03
72	1.896E+03	2.049E+03	2.212E+03
73	1.839E+03	1.989E+03	2.150E+03
74	1.784E+03	1.931E+03	2.089E+03
75	1.731E+03	1.876E+03	2.031E+03
76	1.680E+03	1.822E+03	1.974E+03
77	1.631E+03	1.770E+03	1.919E+03
78	1.583E+03	1.720E+03	1.866E+03
79	1.537E+03	1.671E+03	1.815E+03
80	1.492E+03	1.624E+03	1.765E+03
81	1.449E+03	1.578E+03	1.717E+03
82	1.407E+03	1.534E+03	1.671E+03
83	1.367E+03	1.491E+03	1.626E+03
84	1.328E+03	1.450E+03	1.582E+03
85	1.291E+03	1.410E+03	1.540E+03
86	1.254E+03	1.372E+03	1.499E+03
87	1.219E+03	1.334E+03	1.459E+03
88	1.185E+03	1.298E+03	1.420E+03
89	1.152E+03	1.263E+03	1.383E+03
90	1.120E+03	1.229E+03	1.347E+03
91	1.090E+03	1.196E+03	1.312E+03
92	1.060E+03	1.165E+03	1.279E+03
93	1.031E+03	1.134E+03	1.246E+03
94	1.003E+03	1.104E+03	1.214E+03
95	9.763E+02	1.075E+03	1.183E+03
96	9.501E+02	1.047E+03	1.153E+03
97	9.247E+02	1.020E+03	1.124E+03
98	9.000E+02	9.934E+02	1.096E+03
99	8.761E+02	9.678E+02	1.068E+03
100	8.529E+02	9.428E+02	1.041E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	8.529E+02	9.428E+02	1.041E+03
101	8.302E+02	9.184E+02	1.015E+03
102	8.083E+02	8.948E+02	9.897E+02
103	7.870E+02	8.719E+02	9.651E+02
104	7.663E+02	8.496E+02	9.411E+02
105	7.463E+02	8.280E+02	9.179E+02
106	7.269E+02	8.071E+02	8.953E+02
107	7.081E+02	7.867E+02	8.734E+02
108	6.898E+02	7.670E+02	8.520E+02
109	6.721E+02	7.478E+02	8.313E+02
110	6.549E+02	7.292E+02	8.112E+02