NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3T103H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.013E+05	3.470E+05	3.993E+05
-39	2.822E+05	3.244E+05	3.724E+05
-38	2.645E+05	3.034E+05	3.476E+05
-37	2.481E+05	2.839E+05	3.245E+05
-36	2.327E+05	2.658E+05	3.032E+05
-35	2.184E+05	2.489E+05	2.834E+05
-34	2.051E+05	2.333E+05	2.650E+05
-33	1.927E+05	2.187E+05	2.479E+05
-32	1.811E+05	2.051E+05	2.321E+05
-31	1.703E+05	1.925E+05	2.174E+05
-30	1.602E+05	1.807E+05	2.036E+05
-29	1.508E+05	1.697E+05	1.909E+05
-28	1.420E+05	1.595E+05	1.790E+05
-27	1.337E+05	1.499E+05	1.680E+05
-26	1.260E+05	1.410E+05	1.576E+05
-25	1.188E+05	1.327E+05	1.480E+05
-24	1.120E+05	1.249E+05	1.391E+05
-23	1.057E+05	1.176E+05	1.307E+05
-22	9.977E+04	1.108E+05	1.229E+05
-21	9.421E+04	1.044E+05	1.156E+05
-20	8.899E+04	9.846E+04	1.088E+05
-19	8.410E+04	9.287E+04	1.025E+05
-18	7.950E+04	8.764E+04	9.652E+04
-17	7.519E+04	8.274E+04	9.096E+04
-16	7.114E+04	7.813E+04	8.574E+04
-15	6.733E+04	7.382E+04	8.086E+04
-14	6.375E+04	6.977E+04	7.629E+04
-13	6.038E+04	6.596E+04	7.200E+04
-12	5.721E+04	6.239E+04	6.799E+04
-11	5.422E+04	5.903E+04	6.422E+04
-10	5.141E+04	5.588E+04	6.068E+04
-9	4.877E+04	5.292E+04	5.736E+04
-8	4.628E+04	5.013E+04	5.425E+04
-7	4.392E+04	4.750E+04	5.132E+04
-6	4.171E+04	4.503E+04	4.857E+04
-5	3.961E+04	4.269E+04	4.597E+04
-4	3.763E+04	4.050E+04	4.354E+04
-3	3.577E+04	3.842E+04	4.124E+04
-2	3.400E+04	3.647E+04	3.908E+04
-1	3.234E+04	3.463E+04	3.704E+04
0	3.076E+04	3.289E+04	3.513E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.076E+04	3.289E+04	3.513E+04
1	2.927E+04	3.124E+04	3.332E+04
2	2.786E+04	2.969E+04	3.161E+04
3	2.652E+04	2.822E+04	3.000E+04
4	2.526E+04	2.684E+04	2.849E+04
5	2.406E+04	2.553E+04	2.706E+04
6	2.293E+04	2.429E+04	2.570E+04
7	2.186E+04	2.312E+04	2.443E+04
8	2.085E+04	2.201E+04	2.323E+04
9	1.988E+04	2.097E+04	2.209E+04
10	1.897E+04	1.997E+04	2.101E+04
11	1.811E+04	1.904E+04	2.000E+04
12	1.729E+04	1.815E+04	1.903E+04
13	1.651E+04	1.731E+04	1.812E+04
14	1.577E+04	1.651E+04	1.726E+04
15	1.507E+04	1.575E+04	1.645E+04
16	1.440E+04	1.503E+04	1.567E+04
17	1.377E+04	1.435E+04	1.494E+04
18	1.317E+04	1.370E+04	1.425E+04
19	1.259E+04	1.309E+04	1.359E+04
20	1.205E+04	1.251E+04	1.297E+04
21	1.153E+04	1.195E+04	1.238E+04
22	1.104E+04	1.143E+04	1.182E+04
23	1.057E+04	1.093E+04	1.129E+04
24	1.012E+04	1.045E+04	1.078E+04
25	9.700E+03	1.000E+04	1.030E+04
26	9.271E+03	9.570E+03	9.870E+03
27	8.863E+03	9.161E+03	9.461E+03
28	8.475E+03	8.772E+03	9.071E+03
29	8.107E+03	8.402E+03	8.699E+03
30	7.756E+03	8.049E+03	8.345E+03
31	7.423E+03	7.713E+03	8.007E+03
32	7.106E+03	7.393E+03	7.684E+03
33	6.804E+03	7.087E+03	7.376E+03
34	6.516E+03	6.797E+03	7.083E+03
35	6.243E+03	6.519E+03	6.802E+03
36	5.982E+03	6.255E+03	6.534E+03
37	5.734E+03	6.003E+03	6.278E+03
38	5.497E+03	5.762E+03	6.034E+03
39	5.271E+03	5.532E+03	5.800E+03
40	5.056E+03	5.313E+03	5.577E+03
41	4.851E+03	5.103E+03	5.363E+03
42	4.655E+03	4.903E+03	5.159E+03
43	4.468E+03	4.711E+03	4.964E+03
44	4.289E+03	4.529E+03	4.777E+03
45	4.119E+03	4.354E+03	4.598E+03
46	3.956E+03	4.187E+03	4.427E+03
47	3.801E+03	4.027E+03	4.263E+03
48	3.653E+03	3.874E+03	4.106E+03
49	3.511E+03	3.728E+03	3.955E+03
50	3.375E+03	3.588E+03	3.811E+03

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R at T0℃	10000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.375E+03	3.588E+03	3.811E+03
51	3.246E+03	3.454E+03	3.673E+03
52	3.122E+03	3.326E+03	3.541E+03
53	3.003E+03	3.204E+03	3.414E+03
54	2.890E+03	3.086E+03	3.293E+03
55	2.781E+03	2.973E+03	3.176E+03
56	2.677E+03	2.866E+03	3.064E+03
57	2.578E+03	2.762E+03	2.957E+03
58	2.483E+03	2.663E+03	2.854E+03
59	2.391E+03	2.568E+03	2.755E+03
60	2.304E+03	2.477E+03	2.660E+03
61	2.220E+03	2.389E+03	2.568E+03
62	2.140E+03	2.305E+03	2.481E+03
63	2.063E+03	2.224E+03	2.396E+03
64	1.989E+03	2.147E+03	2.316E+03
65	1.918E+03	2.073E+03	2.238E+03
66	1.850E+03	2.001E+03	2.163E+03
67	1.785E+03	1.933E+03	2.091E+03
68	1.723E+03	1.867E+03	2.022E+03
69	1.662E+03	1.804E+03	1.955E+03
70	1.605E+03	1.743E+03	1.891E+03
71	1.549E+03	1.684E+03	1.830E+03
72	1.496E+03	1.628E+03	1.770E+03
73	1.445E+03	1.574E+03	1.713E+03
74	1.396E+03	1.522E+03	1.658E+03
75	1.349E+03	1.472E+03	1.605E+03
76	1.303E+03	1.424E+03	1.554E+03
77	1.260E+03	1.378E+03	1.505E+03
78	1.218E+03	1.333E+03	1.458E+03
79	1.177E+03	1.290E+03	1.412E+03
80	1.138E+03	1.249E+03	1.368E+03
81	1.101E+03	1.209E+03	1.326E+03
82	1.065E+03	1.170E+03	1.285E+03
83	1.030E+03	1.133E+03	1.245E+03
84	9.971E+02	1.098E+03	1.207E+03
85	9.650E+02	1.063E+03	1.171E+03
86	9.341E+02	1.030E+03	1.135E+03
87	9.043E+02	9.983E+02	1.101E+03
88	8.756E+02	9.675E+02	1.068E+03
89	8.480E+02	9.379E+02	1.036E+03
90	8.214E+02	9.092E+02	1.006E+03
91	7.958E+02	8.817E+02	9.760E+02
92	7.711E+02	8.551E+02	9.474E+02
93	7.473E+02	8.294E+02	9.197E+02
94	7.243E+02	8.046E+02	8.930E+02
95	7.021E+02	7.807E+02	8.672E+02
96	6.807E+02	7.575E+02	8.422E+02
97	6.601E+02	7.352E+02	8.181E+02
98	6.401E+02	7.136E+02	7.948E+02
99	6.209E+02	6.927E+02	7.722E+02
100	6.023E+02	6.726E+02	7.504E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.023E+02	6.726E+02	7.504E+02
101	5.844E+02	6.531E+02	7.293E+02
102	5.670E+02	6.343E+02	7.088E+02
103	5.503E+02	6.160E+02	6.890E+02
104	5.341E+02	5.984E+02	6.699E+02
105	5.185E+02	5.814E+02	6.514E+02
106	5.034E+02	5.649E+02	6.334E+02
107	4.888E+02	5.490E+02	6.161E+02
108	4.746E+02	5.335E+02	5.992E+02
109	4.610E+02	5.186E+02	5.829E+02
110	4.478E+02	5.042E+02	5.671E+02