NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-3T103F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.311E+05	3.470E+05	3.636E+05
-39	3.097E+05	3.244E+05	3.397E+05
-38	2.899E+05	3.034E+05	3.175E+05
-37	2.714E+05	2.839E+05	2.969E+05
-36	2.543E+05	2.658E+05	2.777E+05
-35	2.383E+05	2.489E+05	2.599E+05
-34	2.235E+05	2.333E+05	2.434E+05
-33	2.097E+05	2.187E+05	2.281E+05
-32	1.968E+05	2.051E+05	2.138E+05
-31	1.848E+05	1.925E+05	2.005E+05
-30	1.736E+05	1.807E+05	1.881E+05
-29	1.632E+05	1.697E+05	1.765E+05
-28	1.534E+05	1.595E+05	1.658E+05
-27	1.443E+05	1.499E+05	1.557E+05
-26	1.358E+05	1.410E+05	1.464E+05
-25	1.279E+05	1.327E+05	1.376E+05
-24	1.205E+05	1.249E+05	1.295E+05
-23	1.135E+05	1.176E+05	1.218E+05
-22	1.070E+05	1.108E+05	1.147E+05
-21	1.009E+05	1.044E+05	1.080E+05
-20	9.521E+04	9.846E+04	1.018E+05
-19	8.986E+04	9.287E+04	9.598E+04
-18	8.485E+04	8.764E+04	9.052E+04
-17	8.015E+04	8.274E+04	8.540E+04
-16	7.574E+04	7.813E+04	8.060E+04
-15	7.160E+04	7.382E+04	7.610E+04
-14	6.771E+04	6.977E+04	7.188E+04
-13	6.405E+04	6.596E+04	6.793E+04
-12	6.062E+04	6.239E+04	6.421E+04
-11	5.739E+04	5.903E+04	6.072E+04
-10	5.435E+04	5.588E+04	5.744E+04
-9	5.150E+04	5.292E+04	5.436E+04
-8	4.881E+04	5.013E+04	5.147E+04
-7	4.628E+04	4.750E+04	4.875E+04
-6	4.390E+04	4.503E+04	4.618E+04
-5	4.165E+04	4.269E+04	4.376E+04
-4	3.952E+04	4.050E+04	4.149E+04
-3	3.752E+04	3.842E+04	3.935E+04
-2	3.563E+04	3.647E+04	3.732E+04
-1	3.385E+04	3.463E+04	3.542E+04
0	3.216E+04	3.289E+04	3.362E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.216E+04	3.289E+04	3.362E+04
1	3.057E+04	3.124E+04	3.192E+04
2	2.907E+04	2.969E+04	3.032E+04
3	2.765E+04	2.822E+04	2.881E+04
4	2.630E+04	2.684E+04	2.738E+04
5	2.503E+04	2.553E+04	2.603E+04
6	2.383E+04	2.429E+04	2.476E+04
7	2.270E+04	2.312E+04	2.355E+04
8	2.162E+04	2.201E+04	2.241E+04
9	2.060E+04	2.097E+04	2.134E+04
10	1.964E+04	1.997E+04	2.032E+04
11	1.872E+04	1.904E+04	1.935E+04
12	1.786E+04	1.815E+04	1.844E+04
13	1.704E+04	1.731E+04	1.758E+04
14	1.626E+04	1.651E+04	1.676E+04
15	1.552E+04	1.575E+04	1.598E+04
16	1.482E+04	1.503E+04	1.524E+04
17	1.415E+04	1.435E+04	1.455E+04
18	1.352E+04	1.370E+04	1.388E+04
19	1.292E+04	1.309E+04	1.326E+04
20	1.235E+04	1.251E+04	1.266E+04
21	1.181E+04	1.195E+04	1.209E+04
22	1.130E+04	1.143E+04	1.156E+04
23	1.081E+04	1.093E+04	1.105E+04
24	1.034E+04	1.045E+04	1.056E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.470E+03	9.570E+03	9.670E+03
27	9.062E+03	9.161E+03	9.261E+03
28	8.673E+03	8.772E+03	8.871E+03
29	8.303E+03	8.402E+03	8.500E+03
30	7.951E+03	8.049E+03	8.147E+03
31	7.616E+03	7.713E+03	7.810E+03
32	7.296E+03	7.393E+03	7.489E+03
33	6.992E+03	7.087E+03	7.183E+03
34	6.703E+03	6.797E+03	6.891E+03
35	6.426E+03	6.519E+03	6.613E+03
36	6.163E+03	6.255E+03	6.347E+03
37	5.912E+03	6.003E+03	6.094E+03
38	5.673E+03	5.762E+03	5.852E+03
39	5.444E+03	5.532E+03	5.621E+03
40	5.226E+03	5.313E+03	5.400E+03
41	5.018E+03	5.103E+03	5.189E+03
42	4.819E+03	4.903E+03	4.987E+03
43	4.629E+03	4.711E+03	4.795E+03
44	4.448E+03	4.529E+03	4.610E+03
45	4.275E+03	4.354E+03	4.434E+03
46	4.109E+03	4.187E+03	4.266E+03
47	3.951E+03	4.027E+03	4.105E+03
48	3.799E+03	3.874E+03	3.950E+03
49	3.655E+03	3.728E+03	3.803E+03
50	3.516E+03	3.588E+03	3.661E+03

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B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.516E+03	3.588E+03	3.661E+03
51	3.384E+03	3.454E+03	3.526E+03
52	3.257E+03	3.326E+03	3.397E+03
53	3.136E+03	3.204E+03	3.273E+03
54	3.019E+03	3.086E+03	3.154E+03
55	2.908E+03	2.973E+03	3.040E+03
56	2.802E+03	2.866E+03	2.930E+03
57	2.700E+03	2.762E+03	2.826E+03
58	2.602E+03	2.663E+03	2.725E+03
59	2.508E+03	2.568E+03	2.629E+03
60	2.418E+03	2.477E+03	2.536E+03
61	2.332E+03	2.389E+03	2.448E+03
62	2.249E+03	2.305E+03	2.362E+03
63	2.169E+03	2.224E+03	2.281E+03
64	2.093E+03	2.147E+03	2.202E+03
65	2.020E+03	2.073E+03	2.127E+03
66	1.950E+03	2.001E+03	2.054E+03
67	1.882E+03	1.933E+03	1.984E+03
68	1.818E+03	1.867E+03	1.917E+03
69	1.756E+03	1.804E+03	1.853E+03
70	1.696E+03	1.743E+03	1.791E+03
71	1.638E+03	1.684E+03	1.732E+03
72	1.583E+03	1.628E+03	1.674E+03
73	1.530E+03	1.574E+03	1.619E+03
74	1.479E+03	1.522E+03	1.566E+03
75	1.430E+03	1.472E+03	1.515E+03
76	1.383E+03	1.424E+03	1.466E+03
77	1.337E+03	1.378E+03	1.419E+03
78	1.293E+03	1.333E+03	1.373E+03
79	1.251E+03	1.290E+03	1.330E+03
80	1.211E+03	1.249E+03	1.287E+03
81	1.172E+03	1.209E+03	1.247E+03
82	1.134E+03	1.170E+03	1.207E+03
83	1.098E+03	1.133E+03	1.170E+03
84	1.063E+03	1.098E+03	1.133E+03
85	1.030E+03	1.063E+03	1.098E+03
86	9.972E+02	1.030E+03	1.064E+03
87	9.660E+02	9.983E+02	1.032E+03
88	9.360E+02	9.675E+02	1.000E+03
89	9.070E+02	9.379E+02	9.697E+02
90	8.791E+02	9.092E+02	9.404E+02
91	8.522E+02	8.817E+02	9.121E+02
92	8.262E+02	8.551E+02	8.849E+02
93	8.011E+02	8.294E+02	8.586E+02
94	7.770E+02	8.046E+02	8.331E+02
95	7.536E+02	7.807E+02	8.086E+02
96	7.311E+02	7.575E+02	7.848E+02
97	7.093E+02	7.352E+02	7.619E+02
98	6.883E+02	7.136E+02	7.398E+02
99	6.680E+02	6.927E+02	7.183E+02
100	6.484E+02	6.726E+02	6.976E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.484E+02	6.726E+02	6.976E+02
101	6.294E+02	6.531E+02	6.776E+02
102	6.111E+02	6.343E+02	6.583E+02
103	5.934E+02	6.160E+02	6.395E+02
104	5.762E+02	5.984E+02	6.214E+02
105	5.597E+02	5.814E+02	6.039E+02
106	5.437E+02	5.649E+02	5.869E+02
107	5.282E+02	5.490E+02	5.705E+02
108	5.132E+02	5.335E+02	5.547E+02
109	4.987E+02	5.186E+02	5.393E+02
110	4.847E+02	5.042E+02	5.244E+02