NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-6D302F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	9.383E+04	9.833E+04	1.030E+05
-39	8.802E+04	9.217E+04	9.651E+04
-38	8.261E+04	8.645E+04	9.045E+04
-37	7.756E+04	8.111E+04	8.480E+04
-36	7.286E+04	7.613E+04	7.954E+04
-35	6.846E+04	7.149E+04	7.464E+04
-34	6.436E+04	6.716E+04	7.007E+04
-33	6.053E+04	6.312E+04	6.581E+04
-32	5.694E+04	5.934E+04	6.183E+04
-31	5.359E+04	5.581E+04	5.811E+04
-30	5.046E+04	5.251E+04	5.464E+04
-29	4.754E+04	4.944E+04	5.141E+04
-28	4.480E+04	4.656E+04	4.839E+04
-27	4.223E+04	4.387E+04	4.555E+04
-26	3.983E+04	4.134E+04	4.290E+04
-25	3.757E+04	3.897E+04	4.042E+04
-24	3.545E+04	3.675E+04	3.809E+04
-23	3.346E+04	3.467E+04	3.591E+04
-22	3.159E+04	3.271E+04	3.386E+04
-21	2.984E+04	3.088E+04	3.194E+04
-20	2.819E+04	2.915E+04	3.014E+04
-19	2.665E+04	2.754E+04	2.846E+04
-18	2.520E+04	2.602E+04	2.687E+04
-17	2.383E+04	2.460E+04	2.539E+04
-16	2.254E+04	2.326E+04	2.399E+04
-15	2.133E+04	2.199E+04	2.267E+04
-14	2.019E+04	2.080E+04	2.143E+04
-13	1.912E+04	1.968E+04	2.027E+04
-12	1.810E+04	1.863E+04	1.917E+04
-11	1.715E+04	1.764E+04	1.814E+04
-10	1.625E+04	1.670E+04	1.717E+04
-9	1.540E+04	1.582E+04	1.625E+04
-8	1.460E+04	1.499E+04	1.539E+04
-7	1.384E+04	1.421E+04	1.458E+04
-6	1.313E+04	1.347E+04	1.381E+04
-5	1.246E+04	1.277E+04	1.309E+04
-4	1.183E+04	1.212E+04	1.241E+04
-3	1.123E+04	1.150E+04	1.177E+04
-2	1.066E+04	1.091E+04	1.117E+04
-1	1.013E+04	1.036E+04	1.060E+04
0	9.629E+03	9.845E+03	1.006E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.629E+03	9.845E+03	1.006E+04
1	9.154E+03	9.354E+03	9.557E+03
2	8.705E+03	8.891E+03	9.079E+03
3	8.281E+03	8.453E+03	8.628E+03
4	7.880E+03	8.039E+03	8.201E+03
5	7.500E+03	7.648E+03	7.798E+03
6	7.141E+03	7.278E+03	7.417E+03
7	6.801E+03	6.928E+03	7.057E+03
8	6.479E+03	6.597E+03	6.717E+03
9	6.175E+03	6.284E+03	6.394E+03
10	5.886E+03	5.987E+03	6.089E+03
11	5.612E+03	5.706E+03	5.801E+03
12	5.353E+03	5.440E+03	5.527E+03
13	5.107E+03	5.187E+03	5.268E+03
14	4.874E+03	4.948E+03	5.023E+03
15	4.653E+03	4.722E+03	4.791E+03
16	4.443E+03	4.507E+03	4.570E+03
17	4.244E+03	4.302E+03	4.361E+03
18	4.055E+03	4.109E+03	4.163E+03
19	3.875E+03	3.925E+03	3.975E+03
20	3.705E+03	3.751E+03	3.797E+03
21	3.543E+03	3.585E+03	3.627E+03
22	3.388E+03	3.427E+03	3.466E+03
23	3.242E+03	3.278E+03	3.313E+03
24	3.103E+03	3.135E+03	3.168E+03
25	2.970E+03	3.000E+03	3.030E+03
26	2.841E+03	2.871E+03	2.901E+03
27	2.719E+03	2.749E+03	2.779E+03
28	2.603E+03	2.632E+03	2.662E+03
29	2.492E+03	2.522E+03	2.551E+03
30	2.387E+03	2.416E+03	2.445E+03
31	2.286E+03	2.315E+03	2.345E+03
32	2.191E+03	2.220E+03	2.249E+03
33	2.100E+03	2.128E+03	2.157E+03
34	2.013E+03	2.041E+03	2.070E+03
35	1.930E+03	1.958E+03	1.986E+03
36	1.852E+03	1.879E+03	1.907E+03
37	1.777E+03	1.804E+03	1.831E+03
38	1.705E+03	1.732E+03	1.759E+03
39	1.637E+03	1.663E+03	1.690E+03
40	1.571E+03	1.597E+03	1.624E+03
41	1.509E+03	1.535E+03	1.560E+03
42	1.450E+03	1.475E+03	1.500E+03
43	1.393E+03	1.418E+03	1.443E+03
44	1.339E+03	1.363E+03	1.388E+03
45	1.287E+03	1.311E+03	1.335E+03
46	1.238E+03	1.261E+03	1.285E+03
47	1.190E+03	1.213E+03	1.236E+03
48	1.145E+03	1.168E+03	1.190E+03
49	1.102E+03	1.124E+03	1.146E+03
50	1.060E+03	1.082E+03	1.104E+03

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B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.060E+03	1.082E+03	1.104E+03
51	1.021E+03	1.042E+03	1.064E+03
52	9.830E+02	1.004E+03	1.025E+03
53	9.467E+02	9.672E+02	9.880E+02
54	9.120E+02	9.321E+02	9.525E+02
55	8.788E+02	8.984E+02	9.184E+02
56	8.470E+02	8.662E+02	8.858E+02
57	8.165E+02	8.353E+02	8.545E+02
58	7.872E+02	8.057E+02	8.245E+02
59	7.592E+02	7.773E+02	7.957E+02
60	7.324E+02	7.501E+02	7.681E+02
61	7.066E+02	7.239E+02	7.416E+02
62	6.819E+02	6.989E+02	7.162E+02
63	6.582E+02	6.748E+02	6.918E+02
64	6.354E+02	6.517E+02	6.683E+02
65	6.136E+02	6.295E+02	6.458E+02
66	5.926E+02	6.082E+02	6.242E+02
67	5.725E+02	5.877E+02	6.034E+02
68	5.531E+02	5.681E+02	5.834E+02
69	5.345E+02	5.492E+02	5.641E+02
70	5.167E+02	5.310E+02	5.456E+02
71	4.995E+02	5.135E+02	5.278E+02
72	4.830E+02	4.967E+02	5.107E+02
73	4.671E+02	4.805E+02	4.943E+02
74	4.518E+02	4.649E+02	4.784E+02
75	4.371E+02	4.500E+02	4.631E+02
76	4.230E+02	4.356E+02	4.485E+02
77	4.094E+02	4.217E+02	4.343E+02
78	3.963E+02	4.083E+02	4.207E+02
79	3.837E+02	3.955E+02	4.076E+02
80	3.716E+02	3.831E+02	3.949E+02
81	3.599E+02	3.712E+02	3.828E+02
82	3.486E+02	3.597E+02	3.711E+02
83	3.378E+02	3.486E+02	3.597E+02
84	3.274E+02	3.379E+02	3.488E+02
85	3.173E+02	3.277E+02	3.383E+02
86	3.076E+02	3.177E+02	3.282E+02
87	2.982E+02	3.082E+02	3.184E+02
88	2.892E+02	2.989E+02	3.089E+02
89	2.805E+02	2.900E+02	2.998E+02
90	2.721E+02	2.814E+02	2.910E+02
91	2.640E+02	2.731E+02	2.825E+02
92	2.562E+02	2.651E+02	2.743E+02
93	2.487E+02	2.574E+02	2.664E+02
94	2.414E+02	2.499E+02	2.588E+02
95	2.343E+02	2.427E+02	2.514E+02
96	2.275E+02	2.357E+02	2.442E+02
97	2.210E+02	2.290E+02	2.373E+02
98	2.146E+02	2.225E+02	2.306E+02
99	2.085E+02	2.162E+02	2.242E+02
100	2.026E+02	2.101E+02	2.179E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.026E+02	2.101E+02	2.179E+02
101	1.968E+02	2.042E+02	2.118E+02
102	1.913E+02	1.985E+02	2.060E+02
103	1.859E+02	1.930E+02	2.003E+02
104	1.807E+02	1.876E+02	1.948E+02
105	1.757E+02	1.825E+02	1.895E+02
106	1.708E+02	1.775E+02	1.844E+02
107	1.661E+02	1.727E+02	1.794E+02
108	1.616E+02	1.680E+02	1.746E+02
109	1.572E+02	1.635E+02	1.700E+02
110	1.530E+02	1.591E+02	1.655E+02