NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-6D102F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	1000 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	3.128E+04	3.278E+04	3.434E+04
-39	2.934E+04	3.072E+04	3.217E+04
-38	2.754E+04	2.882E+04	3.015E+04
-37	2.585E+04	2.704E+04	2.827E+04
-36	2.429E+04	2.538E+04	2.651E+04
-35	2.282E+04	2.383E+04	2.488E+04
-34	2.145E+04	2.239E+04	2.336E+04
-33	2.018E+04	2.104E+04	2.194E+04
-32	1.898E+04	1.978E+04	2.061E+04
-31	1.786E+04	1.860E+04	1.937E+04
-30	1.682E+04	1.750E+04	1.821E+04
-29	1.585E+04	1.648E+04	1.714E+04
-28	1.493E+04	1.552E+04	1.613E+04
-27	1.408E+04	1.462E+04	1.518E+04
-26	1.328E+04	1.378E+04	1.430E+04
-25	1.252E+04	1.299E+04	1.347E+04
-24	1.182E+04	1.225E+04	1.270E+04
-23	1.115E+04	1.156E+04	1.197E+04
-22	1.053E+04	1.090E+04	1.129E+04
-21	9.947E+03	1.029E+04	1.065E+04
-20	9.398E+03	9.718E+03	1.005E+04
-19	8.883E+03	9.180E+03	9.486E+03
-18	8.399E+03	8.675E+03	8.958E+03
-17	7.944E+03	8.199E+03	8.462E+03
-16	7.515E+03	7.752E+03	7.996E+03
-15	7.111E+03	7.331E+03	7.557E+03
-14	6.730E+03	6.935E+03	7.144E+03
-13	6.372E+03	6.562E+03	6.756E+03
-12	6.034E+03	6.210E+03	6.391E+03
-11	5.716E+03	5.880E+03	6.047E+03
-10	5.416E+03	5.568E+03	5.723E+03
-9	5.133E+03	5.273E+03	5.417E+03
-8	4.866E+03	4.996E+03	5.130E+03
-7	4.614E+03	4.735E+03	4.859E+03
-6	4.377E+03	4.489E+03	4.604E+03
-5	4.153E+03	4.257E+03	4.364E+03
-4	3.942E+03	4.039E+03	4.137E+03
-3	3.743E+03	3.833E+03	3.924E+03
-2	3.555E+03	3.638E+03	3.723E+03
-1	3.377E+03	3.455E+03	3.533E+03
0	3.210E+03	3.282E+03	3.355E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.210E+03	3.282E+03	3.355E+03
1	3.051E+03	3.118E+03	3.186E+03
2	2.902E+03	2.964E+03	3.026E+03
3	2.760E+03	2.818E+03	2.876E+03
4	2.627E+03	2.680E+03	2.734E+03
5	2.500E+03	2.549E+03	2.599E+03
6	2.380E+03	2.426E+03	2.472E+03
7	2.267E+03	2.309E+03	2.352E+03
8	2.160E+03	2.199E+03	2.239E+03
9	2.058E+03	2.095E+03	2.131E+03
10	1.962E+03	1.996E+03	2.030E+03
11	1.871E+03	1.902E+03	1.934E+03
12	1.784E+03	1.813E+03	1.842E+03
13	1.702E+03	1.729E+03	1.756E+03
14	1.625E+03	1.649E+03	1.674E+03
15	1.551E+03	1.574E+03	1.597E+03
16	1.481E+03	1.502E+03	1.523E+03
17	1.415E+03	1.434E+03	1.454E+03
18	1.352E+03	1.370E+03	1.388E+03
19	1.292E+03	1.308E+03	1.325E+03
20	1.235E+03	1.250E+03	1.266E+03
21	1.181E+03	1.195E+03	1.209E+03
22	1.129E+03	1.142E+03	1.155E+03
23	1.081E+03	1.093E+03	1.104E+03
24	1.034E+03	1.045E+03	1.056E+03
25	9.900E+02	1.000E+03	1.010E+03
26	9.471E+02	9.571E+02	9.671E+02
27	9.063E+02	9.163E+02	9.263E+02
28	8.676E+02	8.775E+02	8.874E+02
29	8.307E+02	8.405E+02	8.504E+02
30	7.955E+02	8.053E+02	8.151E+02
31	7.621E+02	7.718E+02	7.815E+02
32	7.303E+02	7.399E+02	7.495E+02
33	6.999E+02	7.094E+02	7.190E+02
34	6.710E+02	6.804E+02	6.899E+02
35	6.435E+02	6.528E+02	6.621E+02
36	6.172E+02	6.264E+02	6.356E+02
37	5.922E+02	6.012E+02	6.104E+02
38	5.683E+02	5.772E+02	5.862E+02
39	5.455E+02	5.543E+02	5.632E+02
40	5.238E+02	5.325E+02	5.412E+02
41	5.031E+02	5.116E+02	5.202E+02
42	4.832E+02	4.916E+02	5.001E+02
43	4.643E+02	4.726E+02	4.809E+02
44	4.463E+02	4.543E+02	4.625E+02
45	4.290E+02	4.369E+02	4.450E+02
46	4.125E+02	4.203E+02	4.282E+02
47	3.967E+02	4.044E+02	4.121E+02
48	3.817E+02	3.892E+02	3.968E+02
49	3.672E+02	3.746E+02	3.821E+02
50	3.535E+02	3.607E+02	3.680E+02

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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	3.535E+02	3.607E+02	3.680E+02
51	3.403E+02	3.474E+02	3.546E+02
52	3.277E+02	3.346E+02	3.417E+02
53	3.156E+02	3.224E+02	3.293E+02
54	3.040E+02	3.107E+02	3.175E+02
55	2.929E+02	2.995E+02	3.061E+02
56	2.823E+02	2.887E+02	2.953E+02
57	2.722E+02	2.784E+02	2.848E+02
58	2.624E+02	2.686E+02	2.748E+02
59	2.531E+02	2.591E+02	2.652E+02
60	2.441E+02	2.500E+02	2.560E+02
61	2.355E+02	2.413E+02	2.472E+02
62	2.273E+02	2.330E+02	2.387E+02
63	2.194E+02	2.249E+02	2.306E+02
64	2.118E+02	2.172E+02	2.228E+02
65	2.045E+02	2.098E+02	2.153E+02
66	1.975E+02	2.027E+02	2.081E+02
67	1.908E+02	1.959E+02	2.011E+02
68	1.844E+02	1.894E+02	1.945E+02
69	1.782E+02	1.831E+02	1.880E+02
70	1.722E+02	1.770E+02	1.819E+02
71	1.665E+02	1.712E+02	1.759E+02
72	1.610E+02	1.656E+02	1.702E+02
73	1.557E+02	1.602E+02	1.648E+02
74	1.506E+02	1.550E+02	1.595E+02
75	1.457E+02	1.500E+02	1.544E+02
76	1.410E+02	1.452E+02	1.495E+02
77	1.365E+02	1.406E+02	1.448E+02
78	1.321E+02	1.361E+02	1.402E+02
79	1.279E+02	1.318E+02	1.359E+02
80	1.239E+02	1.277E+02	1.316E+02
81	1.200E+02	1.237E+02	1.276E+02
82	1.162E+02	1.199E+02	1.237E+02
83	1.126E+02	1.162E+02	1.199E+02
84	1.091E+02	1.126E+02	1.163E+02
85	1.058E+02	1.092E+02	1.128E+02
86	1.025E+02	1.059E+02	1.094E+02
87	9.941E+01	1.027E+02	1.061E+02
88	9.640E+01	9.964E+01	1.030E+02
89	9.350E+01	9.667E+01	9.994E+01
90	9.070E+01	9.381E+01	9.701E+01
91	8.801E+01	9.104E+01	9.418E+01
92	8.540E+01	8.837E+01	9.144E+01
93	8.289E+01	8.580E+01	8.880E+01
94	8.046E+01	8.331E+01	8.625E+01
95	7.811E+01	8.090E+01	8.379E+01
96	7.585E+01	7.858E+01	8.140E+01
97	7.366E+01	7.633E+01	7.910E+01
98	7.154E+01	7.416E+01	7.687E+01
99	6.950E+01	7.206E+01	7.472E+01
100	6.752E+01	7.003E+01	7.263E+01

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.752E+01	7.003E+01	7.263E+01
101	6.560E+01	6.807E+01	7.061E+01
102	6.375E+01	6.616E+01	6.866E+01
103	6.196E+01	6.432E+01	6.677E+01
104	6.023E+01	6.254E+01	6.494E+01
105	5.856E+01	6.082E+01	6.317E+01
106	5.694E+01	5.916E+01	6.146E+01
107	5.538E+01	5.755E+01	5.980E+01
108	5.387E+01	5.600E+01	5.820E+01
109	5.240E+01	5.449E+01	5.665E+01
110	5.099E+01	5.303E+01	5.515E+01