NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-3G302F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	34.5	B-TOLERANCE(K)	34.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.108E+04	6.371E+04	6.646E+04
-39	5.771E+04	6.017E+04	6.272E+04
-38	5.455E+04	5.684E+04	5.921E+04
-37	5.159E+04	5.371E+04	5.592E+04
-36	4.880E+04	5.078E+04	5.284E+04
-35	4.618E+04	4.803E+04	4.994E+04
-34	4.372E+04	4.544E+04	4.722E+04
-33	4.140E+04	4.301E+04	4.467E+04
-32	3.922E+04	4.072E+04	4.227E+04
-31	3.717E+04	3.857E+04	4.001E+04
-30	3.524E+04	3.654E+04	3.789E+04
-29	3.342E+04	3.463E+04	3.589E+04
-28	3.170E+04	3.284E+04	3.400E+04
-27	3.009E+04	3.114E+04	3.223E+04
-26	2.856E+04	2.955E+04	3.057E+04
-25	2.713E+04	2.805E+04	2.899E+04
-24	2.577E+04	2.663E+04	2.751E+04
-23	2.449E+04	2.529E+04	2.612E+04
-22	2.328E+04	2.403E+04	2.480E+04
-21	2.214E+04	2.284E+04	2.356E+04
-20	2.106E+04	2.172E+04	2.239E+04
-19	2.004E+04	2.066E+04	2.128E+04
-18	1.908E+04	1.965E+04	2.024E+04
-17	1.817E+04	1.870E+04	1.925E+04
-16	1.731E+04	1.781E+04	1.832E+04
-15	1.649E+04	1.696E+04	1.744E+04
-14	1.572E+04	1.615E+04	1.660E+04
-13	1.498E+04	1.539E+04	1.581E+04
-12	1.429E+04	1.467E+04	1.506E+04
-11	1.363E+04	1.399E+04	1.435E+04
-10	1.301E+04	1.334E+04	1.368E+04
-9	1.241E+04	1.273E+04	1.305E+04
-8	1.185E+04	1.214E+04	1.244E+04
-7	1.132E+04	1.159E+04	1.187E+04
-6	1.081E+04	1.107E+04	1.133E+04
-5	1.033E+04	1.057E+04	1.081E+04
-4	9.870E+03	1.009E+04	1.032E+04
-3	9.436E+03	9.646E+03	9.860E+03
-2	9.024E+03	9.220E+03	9.420E+03
-1	8.631E+03	8.816E+03	9.003E+03
0	8.259E+03	8.431E+03	8.606E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.259E+03	8.431E+03	8.606E+03
1	7.904E+03	8.065E+03	8.229E+03
2	7.567E+03	7.717E+03	7.870E+03
3	7.246E+03	7.387E+03	7.530E+03
4	6.940E+03	7.072E+03	7.206E+03
5	6.649E+03	6.772E+03	6.897E+03
6	6.372E+03	6.487E+03	6.604E+03
7	6.108E+03	6.216E+03	6.325E+03
8	5.856E+03	5.957E+03	6.059E+03
9	5.616E+03	5.710E+03	5.805E+03
10	5.387E+03	5.475E+03	5.564E+03
11	5.169E+03	5.251E+03	5.334E+03
12	4.961E+03	5.038E+03	5.115E+03
13	4.762E+03	4.834E+03	4.906E+03
14	4.573E+03	4.640E+03	4.707E+03
15	4.392E+03	4.454E+03	4.517E+03
16	4.219E+03	4.277E+03	4.335E+03
17	4.054E+03	4.108E+03	4.162E+03
18	3.896E+03	3.947E+03	3.997E+03
19	3.745E+03	3.792E+03	3.839E+03
20	3.601E+03	3.645E+03	3.689E+03
21	3.464E+03	3.504E+03	3.545E+03
22	3.332E+03	3.370E+03	3.407E+03
23	3.206E+03	3.241E+03	3.276E+03
24	3.085E+03	3.118E+03	3.150E+03
25	2.970E+03	3.000E+03	3.030E+03
26	2.857E+03	2.887E+03	2.917E+03
27	2.750E+03	2.780E+03	2.809E+03
28	2.647E+03	2.676E+03	2.706E+03
29	2.548E+03	2.578E+03	2.607E+03
30	2.453E+03	2.483E+03	2.513E+03
31	2.363E+03	2.392E+03	2.422E+03
32	2.276E+03	2.305E+03	2.335E+03
33	2.193E+03	2.222E+03	2.251E+03
34	2.114E+03	2.142E+03	2.171E+03
35	2.038E+03	2.066E+03	2.094E+03
36	1.964E+03	1.993E+03	2.021E+03
37	1.894E+03	1.922E+03	1.950E+03
38	1.827E+03	1.855E+03	1.882E+03
39	1.763E+03	1.790E+03	1.817E+03
40	1.701E+03	1.728E+03	1.755E+03
41	1.641E+03	1.668E+03	1.695E+03
42	1.584E+03	1.610E+03	1.637E+03
43	1.530E+03	1.555E+03	1.581E+03
44	1.477E+03	1.502E+03	1.528E+03
45	1.427E+03	1.452E+03	1.477E+03
46	1.378E+03	1.403E+03	1.428E+03
47	1.332E+03	1.356E+03	1.380E+03
48	1.287E+03	1.311E+03	1.335E+03
49	1.244E+03	1.267E+03	1.291E+03
50	1.203E+03	1.226E+03	1.249E+03

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B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	34.5	B-TOLERANCE(K)	34.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.203E+03	1.226E+03	1.249E+03
51	1.163E+03	1.186E+03	1.209E+03
52	1.125E+03	1.147E+03	1.170E+03
53	1.088E+03	1.110E+03	1.132E+03
54	1.053E+03	1.074E+03	1.096E+03
55	1.019E+03	1.040E+03	1.061E+03
56	9.858E+02	1.007E+03	1.028E+03
57	9.543E+02	9.748E+02	9.957E+02
58	9.240E+02	9.441E+02	9.646E+02
59	8.948E+02	9.146E+02	9.347E+02
60	8.666E+02	8.861E+02	9.059E+02
61	8.396E+02	8.587E+02	8.781E+02
62	8.135E+02	8.322E+02	8.514E+02
63	7.883E+02	8.068E+02	8.255E+02
64	7.641E+02	7.822E+02	8.006E+02
65	7.407E+02	7.585E+02	7.766E+02
66	7.181E+02	7.356E+02	7.534E+02
67	6.963E+02	7.135E+02	7.310E+02
68	6.753E+02	6.922E+02	7.094E+02
69	6.551E+02	6.716E+02	6.885E+02
70	6.355E+02	6.518E+02	6.683E+02
71	6.166E+02	6.326E+02	6.488E+02
72	5.984E+02	6.140E+02	6.300E+02
73	5.808E+02	5.961E+02	6.118E+02
74	5.638E+02	5.788E+02	5.942E+02
75	5.473E+02	5.621E+02	5.773E+02
76	5.315E+02	5.460E+02	5.608E+02
77	5.161E+02	5.304E+02	5.450E+02
78	5.013E+02	5.153E+02	5.296E+02
79	4.870E+02	5.007E+02	5.148E+02
80	4.732E+02	4.866E+02	5.004E+02
81	4.598E+02	4.730E+02	4.866E+02
82	4.469E+02	4.599E+02	4.732E+02
83	4.344E+02	4.471E+02	4.602E+02
84	4.223E+02	4.348E+02	4.476E+02
85	4.106E+02	4.229E+02	4.355E+02
86	3.993E+02	4.114E+02	4.237E+02
87	3.884E+02	4.002E+02	4.123E+02
88	3.778E+02	3.893E+02	4.013E+02
89	3.675E+02	3.789E+02	3.906E+02
90	3.575E+02	3.687E+02	3.802E+02
91	3.479E+02	3.588E+02	3.701E+02
92	3.385E+02	3.493E+02	3.604E+02
93	3.295E+02	3.401E+02	3.509E+02
94	3.207E+02	3.311E+02	3.418E+02
95	3.122E+02	3.224E+02	3.329E+02
96	3.040E+02	3.140E+02	3.243E+02
97	2.960E+02	3.058E+02	3.159E+02
98	2.883E+02	2.979E+02	3.078E+02
99	2.808E+02	2.903E+02	3.000E+02
100	2.736E+02	2.828E+02	2.924E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.736E+02	2.828E+02	2.924E+02
101	2.666E+02	2.757E+02	2.850E+02
102	2.598E+02	2.687E+02	2.779E+02
103	2.531E+02	2.619E+02	2.710E+02
104	2.467E+02	2.553E+02	2.642E+02
105	2.405E+02	2.490E+02	2.577E+02
106	2.345E+02	2.428E+02	2.513E+02
107	2.286E+02	2.368E+02	2.452E+02
108	2.229E+02	2.309E+02	2.392E+02
109	2.174E+02	2.252E+02	2.334E+02
110	2.120E+02	2.197E+02	2.277E+02