NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-6E502G*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 Ω	R+TOLERANCE(%)	2	R-TOLERANCE(%)	2
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.328E+05	1.406E+05	1.488E+05
-39	1.249E+05	1.322E+05	1.398E+05
-38	1.176E+05	1.243E+05	1.314E+05
-37	1.107E+05	1.170E+05	1.235E+05
-36	1.043E+05	1.101E+05	1.162E+05
-35	9.832E+04	1.037E+05	1.094E+05
-34	9.271E+04	9.775E+04	1.030E+05
-33	8.746E+04	9.215E+04	9.705E+04
-32	8.254E+04	8.691E+04	9.147E+04
-31	7.793E+04	8.200E+04	8.624E+04
-30	7.361E+04	7.740E+04	8.135E+04
-29	6.952E+04	7.305E+04	7.673E+04
-28	6.569E+04	6.898E+04	7.241E+04
-27	6.211E+04	6.517E+04	6.836E+04
-26	5.875E+04	6.161E+04	6.458E+04
-25	5.559E+04	5.826E+04	6.104E+04
-24	5.264E+04	5.513E+04	5.771E+04
-23	4.986E+04	5.218E+04	5.460E+04
-22	4.725E+04	4.942E+04	5.167E+04
-21	4.479E+04	4.682E+04	4.893E+04
-20	4.248E+04	4.438E+04	4.635E+04
-19	4.034E+04	4.212E+04	4.396E+04
-18	3.832E+04	3.998E+04	4.170E+04
-17	3.640E+04	3.796E+04	3.956E+04
-16	3.458E+04	3.604E+04	3.754E+04
-15	3.286E+04	3.422E+04	3.563E+04
-14	3.122E+04	3.250E+04	3.382E+04
-13	2.968E+04	3.087E+04	3.211E+04
-12	2.821E+04	2.933E+04	3.048E+04
-11	2.682E+04	2.787E+04	2.895E+04
-10	2.550E+04	2.648E+04	2.749E+04
-9	2.426E+04	2.518E+04	2.613E+04
-8	2.308E+04	2.394E+04	2.483E+04
-7	2.196E+04	2.277E+04	2.360E+04
-6	2.089E+04	2.165E+04	2.243E+04
-5	1.988E+04	2.059E+04	2.132E+04
-4	1.892E+04	1.959E+04	2.027E+04
-3	1.801E+04	1.863E+04	1.927E+04
-2	1.715E+04	1.773E+04	1.832E+04
-1	1.632E+04	1.687E+04	1.743E+04
0	1.554E+04	1.605E+04	1.657E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.554E+04	1.605E+04	1.657E+04
1	1.479E+04	1.527E+04	1.576E+04
2	1.409E+04	1.453E+04	1.499E+04
3	1.342E+04	1.383E+04	1.426E+04
4	1.278E+04	1.317E+04	1.357E+04
5	1.218E+04	1.255E+04	1.292E+04
6	1.161E+04	1.195E+04	1.230E+04
7	1.107E+04	1.139E+04	1.172E+04
8	1.056E+04	1.086E+04	1.117E+04
9	1.007E+04	1.036E+04	1.064E+04
10	9.614E+03	9.880E+03	1.015E+04
11	9.179E+03	9.428E+03	9.680E+03
12	8.766E+03	8.999E+03	9.234E+03
13	8.372E+03	8.591E+03	8.811E+03
14	7.998E+03	8.202E+03	8.409E+03
15	7.641E+03	7.833E+03	8.027E+03
16	7.303E+03	7.482E+03	7.664E+03
17	6.980E+03	7.149E+03	7.318E+03
18	6.673E+03	6.831E+03	6.990E+03
19	6.381E+03	6.529E+03	6.678E+03
20	6.103E+03	6.242E+03	6.381E+03
21	5.838E+03	5.968E+03	6.098E+03
22	5.586E+03	5.708E+03	5.830E+03
23	5.346E+03	5.460E+03	5.574E+03
24	5.118E+03	5.224E+03	5.331E+03
25	4.900E+03	5.000E+03	5.100E+03
26	4.689E+03	4.786E+03	4.884E+03
27	4.487E+03	4.583E+03	4.679E+03
28	4.296E+03	4.389E+03	4.483E+03
29	4.113E+03	4.205E+03	4.296E+03
30	3.939E+03	4.029E+03	4.118E+03
31	3.774E+03	3.861E+03	3.948E+03
32	3.616E+03	3.701E+03	3.787E+03
33	3.466E+03	3.549E+03	3.632E+03
34	3.322E+03	3.403E+03	3.485E+03
35	3.185E+03	3.264E+03	3.344E+03
36	3.055E+03	3.132E+03	3.210E+03
37	2.930E+03	3.006E+03	3.081E+03
38	2.812E+03	2.885E+03	2.959E+03
39	2.698E+03	2.770E+03	2.842E+03
40	2.590E+03	2.660E+03	2.730E+03
41	2.487E+03	2.555E+03	2.623E+03
42	2.388E+03	2.454E+03	2.521E+03
43	2.294E+03	2.358E+03	2.424E+03
44	2.204E+03	2.266E+03	2.330E+03
45	2.117E+03	2.179E+03	2.241E+03
46	2.035E+03	2.095E+03	2.155E+03
47	1.956E+03	2.015E+03	2.074E+03
48	1.881E+03	1.938E+03	1.995E+03
49	1.809E+03	1.864E+03	1.921E+03
50	1.740E+03	1.794E+03	1.849E+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	1.740E+03	1.794E+03	1.849E+03
51	1.674E+03	1.727E+03	1.780E+03
52	1.611E+03	1.662E+03	1.714E+03
53	1.551E+03	1.601E+03	1.651E+03
54	1.493E+03	1.542E+03	1.591E+03
55	1.438E+03	1.485E+03	1.533E+03
56	1.385E+03	1.431E+03	1.478E+03
57	1.334E+03	1.379E+03	1.424E+03
58	1.285E+03	1.329E+03	1.373E+03
59	1.239E+03	1.281E+03	1.324E+03
60	1.194E+03	1.235E+03	1.278E+03
61	1.151E+03	1.191E+03	1.233E+03
62	1.110E+03	1.149E+03	1.190E+03
63	1.071E+03	1.109E+03	1.148E+03
64	1.033E+03	1.070E+03	1.108E+03
65	9.964E+02	1.033E+03	1.070E+03
66	9.616E+02	9.971E+02	1.033E+03
67	9.282E+02	9.628E+02	9.982E+02
68	8.961E+02	9.298E+02	9.643E+02
69	8.652E+02	8.981E+02	9.318E+02
70	8.356E+02	8.676E+02	9.005E+02
71	8.071E+02	8.383E+02	8.704E+02
72	7.797E+02	8.101E+02	8.414E+02
73	7.534E+02	7.831E+02	8.135E+02
74	7.282E+02	7.570E+02	7.868E+02
75	7.038E+02	7.320E+02	7.610E+02
76	6.805E+02	7.079E+02	7.362E+02
77	6.580E+02	6.848E+02	7.123E+02
78	6.364E+02	6.625E+02	6.894E+02
79	6.156E+02	6.410E+02	6.673E+02
80	5.956E+02	6.204E+02	6.460E+02
81	5.764E+02	6.006E+02	6.256E+02
82	5.579E+02	5.815E+02	6.059E+02
83	5.401E+02	5.631E+02	5.869E+02
84	5.229E+02	5.454E+02	5.686E+02
85	5.064E+02	5.283E+02	5.510E+02
86	4.905E+02	5.119E+02	5.340E+02
87	4.751E+02	4.960E+02	5.176E+02
88	4.603E+02	4.807E+02	5.017E+02
89	4.460E+02	4.659E+02	4.865E+02
90	4.322E+02	4.516E+02	4.717E+02
91	4.189E+02	4.378E+02	4.575E+02
92	4.061E+02	4.246E+02	4.437E+02
93	3.937E+02	4.117E+02	4.304E+02
94	3.817E+02	3.994E+02	4.176E+02
95	3.702E+02	3.874E+02	4.052E+02
96	3.591E+02	3.759E+02	3.933E+02
97	3.484E+02	3.647E+02	3.818E+02
98	3.380E+02	3.540E+02	3.706E+02
99	3.280E+02	3.436E+02	3.598E+02
100	3.183E+02	3.336E+02	3.494E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	3.183E+02	3.336E+02	3.494E+02
101	3.090E+02	3.239E+02	3.394E+02
102	3.000E+02	3.146E+02	3.297E+02
103	2.913E+02	3.055E+02	3.203E+02
104	2.829E+02	2.968E+02	3.112E+02
105	2.748E+02	2.883E+02	3.025E+02
106	2.669E+02	2.802E+02	2.940E+02
107	2.593E+02	2.723E+02	2.857E+02
108	2.519E+02	2.646E+02	2.778E+02
109	2.448E+02	2.572E+02	2.701E+02
110	2.379E+02	2.500E+02	2.626E+02