NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-3H502F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 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	1.104E+05	1.152E+05	1.202E+05
-39	1.040E+05	1.084E+05	1.130E+05
-38	9.802E+04	1.021E+05	1.064E+05
-37	9.241E+04	9.623E+04	1.002E+05
-36	8.717E+04	9.071E+04	9.439E+04
-35	8.226E+04	8.555E+04	8.896E+04
-34	7.767E+04	8.072E+04	8.389E+04
-33	7.336E+04	7.620E+04	7.915E+04
-32	6.932E+04	7.197E+04	7.470E+04
-31	6.554E+04	6.800E+04	7.054E+04
-30	6.199E+04	6.427E+04	6.664E+04
-29	5.865E+04	6.078E+04	6.298E+04
-28	5.552E+04	5.750E+04	5.955E+04
-27	5.258E+04	5.442E+04	5.633E+04
-26	4.981E+04	5.153E+04	5.331E+04
-25	4.721E+04	4.881E+04	5.046E+04
-24	4.476E+04	4.626E+04	4.779E+04
-23	4.246E+04	4.385E+04	4.528E+04
-22	4.029E+04	4.159E+04	4.292E+04
-21	3.824E+04	3.945E+04	4.070E+04
-20	3.631E+04	3.744E+04	3.860E+04
-19	3.450E+04	3.555E+04	3.663E+04
-18	3.278E+04	3.376E+04	3.477E+04
-17	3.116E+04	3.208E+04	3.302E+04
-16	2.963E+04	3.049E+04	3.137E+04
-15	2.819E+04	2.899E+04	2.981E+04
-14	2.683E+04	2.758E+04	2.834E+04
-13	2.554E+04	2.624E+04	2.695E+04
-12	2.433E+04	2.498E+04	2.564E+04
-11	2.317E+04	2.378E+04	2.441E+04
-10	2.209E+04	2.265E+04	2.324E+04
-9	2.106E+04	2.159E+04	2.213E+04
-8	2.008E+04	2.058E+04	2.109E+04
-7	1.916E+04	1.962E+04	2.010E+04
-6	1.828E+04	1.872E+04	1.916E+04
-5	1.745E+04	1.786E+04	1.827E+04
-4	1.667E+04	1.705E+04	1.743E+04
-3	1.592E+04	1.627E+04	1.664E+04
-2	1.521E+04	1.554E+04	1.588E+04
-1	1.454E+04	1.485E+04	1.516E+04
0	1.390E+04	1.419E+04	1.448E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.390E+04	1.419E+04	1.448E+04
1	1.329E+04	1.356E+04	1.384E+04
2	1.272E+04	1.297E+04	1.323E+04
3	1.217E+04	1.241E+04	1.265E+04
4	1.165E+04	1.187E+04	1.209E+04
5	1.115E+04	1.136E+04	1.157E+04
6	1.068E+04	1.088E+04	1.107E+04
7	1.023E+04	1.041E+04	1.060E+04
8	9.807E+03	9.976E+03	1.015E+04
9	9.401E+03	9.559E+03	9.718E+03
10	9.014E+03	9.161E+03	9.310E+03
11	8.646E+03	8.783E+03	8.921E+03
12	8.294E+03	8.422E+03	8.552E+03
13	7.959E+03	8.079E+03	8.199E+03
14	7.640E+03	7.752E+03	7.864E+03
15	7.335E+03	7.439E+03	7.544E+03
16	7.045E+03	7.141E+03	7.239E+03
17	6.767E+03	6.857E+03	6.948E+03
18	6.502E+03	6.586E+03	6.671E+03
19	6.249E+03	6.327E+03	6.406E+03
20	6.007E+03	6.080E+03	6.153E+03
21	5.776E+03	5.844E+03	5.912E+03
22	5.556E+03	5.618E+03	5.681E+03
23	5.345E+03	5.403E+03	5.461E+03
24	5.143E+03	5.197E+03	5.251E+03
25	4.950E+03	5.000E+03	5.050E+03
26	4.762E+03	4.812E+03	4.862E+03
27	4.582E+03	4.631E+03	4.681E+03
28	4.409E+03	4.459E+03	4.509E+03
29	4.245E+03	4.294E+03	4.344E+03
30	4.087E+03	4.136E+03	4.185E+03
31	3.936E+03	3.985E+03	4.034E+03
32	3.791E+03	3.840E+03	3.889E+03
33	3.653E+03	3.701E+03	3.749E+03
34	3.520E+03	3.568E+03	3.616E+03
35	3.393E+03	3.440E+03	3.488E+03
36	3.272E+03	3.318E+03	3.365E+03
37	3.155E+03	3.201E+03	3.247E+03
38	3.043E+03	3.088E+03	3.134E+03
39	2.936E+03	2.981E+03	3.026E+03
40	2.833E+03	2.877E+03	2.922E+03
41	2.734E+03	2.778E+03	2.822E+03
42	2.639E+03	2.682E+03	2.726E+03
43	2.548E+03	2.591E+03	2.634E+03
44	2.461E+03	2.503E+03	2.545E+03
45	2.377E+03	2.418E+03	2.460E+03
46	2.296E+03	2.337E+03	2.379E+03
47	2.219E+03	2.259E+03	2.300E+03
48	2.144E+03	2.184E+03	2.224E+03
49	2.073E+03	2.112E+03	2.152E+03
50	2.004E+03	2.043E+03	2.082E+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	2.004E+03	2.043E+03	2.082E+03
51	1.938E+03	1.976E+03	2.014E+03
52	1.874E+03	1.912E+03	1.949E+03
53	1.813E+03	1.850E+03	1.887E+03
54	1.754E+03	1.790E+03	1.827E+03
55	1.698E+03	1.733E+03	1.769E+03
56	1.643E+03	1.678E+03	1.714E+03
57	1.591E+03	1.625E+03	1.660E+03
58	1.540E+03	1.574E+03	1.608E+03
59	1.492E+03	1.525E+03	1.558E+03
60	1.445E+03	1.477E+03	1.510E+03
61	1.400E+03	1.432E+03	1.464E+03
62	1.356E+03	1.388E+03	1.420E+03
63	1.315E+03	1.345E+03	1.377E+03
64	1.274E+03	1.304E+03	1.335E+03
65	1.235E+03	1.265E+03	1.295E+03
66	1.198E+03	1.227E+03	1.257E+03
67	1.161E+03	1.190E+03	1.219E+03
68	1.126E+03	1.155E+03	1.183E+03
69	1.093E+03	1.120E+03	1.148E+03
70	1.060E+03	1.087E+03	1.115E+03
71	1.029E+03	1.055E+03	1.082E+03
72	9.983E+02	1.024E+03	1.051E+03
73	9.689E+02	9.946E+02	1.021E+03
74	9.406E+02	9.657E+02	9.914E+02
75	9.132E+02	9.379E+02	9.631E+02
76	8.867E+02	9.110E+02	9.357E+02
77	8.612E+02	8.849E+02	9.093E+02
78	8.364E+02	8.598E+02	8.837E+02
79	8.125E+02	8.354E+02	8.589E+02
80	7.894E+02	8.119E+02	8.349E+02
81	7.671E+02	7.891E+02	8.117E+02
82	7.454E+02	7.671E+02	7.892E+02
83	7.245E+02	7.457E+02	7.675E+02
84	7.042E+02	7.251E+02	7.465E+02
85	6.847E+02	7.051E+02	7.261E+02
86	6.657E+02	6.858E+02	7.064E+02
87	6.474E+02	6.671E+02	6.873E+02
88	6.297E+02	6.490E+02	6.689E+02
89	6.125E+02	6.315E+02	6.510E+02
90	5.959E+02	6.145E+02	6.336E+02
91	5.799E+02	5.982E+02	6.170E+02
92	5.644E+02	5.823E+02	6.008E+02
93	5.494E+02	5.670E+02	5.851E+02
94	5.348E+02	5.521E+02	5.698E+02
95	5.206E+02	5.376E+02	5.551E+02
96	5.069E+02	5.236E+02	5.407E+02
97	4.936E+02	5.099E+02	5.268E+02
98	4.807E+02	4.967E+02	5.132E+02
99	4.681E+02	4.839E+02	5.001E+02
100	4.560E+02	4.714E+02	4.873E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	4.560E+02	4.714E+02	4.873E+02
101	4.441E+02	4.592E+02	4.748E+02
102	4.325E+02	4.474E+02	4.627E+02
103	4.214E+02	4.359E+02	4.510E+02
104	4.105E+02	4.248E+02	4.396E+02
105	4.000E+02	4.140E+02	4.285E+02
106	3.898E+02	4.035E+02	4.178E+02
107	3.798E+02	3.934E+02	4.073E+02
108	3.702E+02	3.835E+02	3.972E+02
109	3.609E+02	3.739E+02	3.874E+02
110	3.518E+02	3.646E+02	3.778E+02