NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-6E502H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.221E+05	1.406E+05	1.618E+05
-39	1.150E+05	1.322E+05	1.517E+05
-38	1.084E+05	1.243E+05	1.424E+05
-37	1.022E+05	1.170E+05	1.337E+05
-36	9.644E+04	1.101E+05	1.256E+05
-35	9.103E+04	1.037E+05	1.181E+05
-34	8.596E+04	9.775E+04	1.111E+05
-33	8.120E+04	9.215E+04	1.045E+05
-32	7.674E+04	8.691E+04	9.833E+04
-31	7.255E+04	8.200E+04	9.259E+04
-30	6.862E+04	7.740E+04	8.722E+04
-29	6.490E+04	7.305E+04	8.216E+04
-28	6.140E+04	6.898E+04	7.743E+04
-27	5.813E+04	6.517E+04	7.301E+04
-26	5.505E+04	6.161E+04	6.888E+04
-25	5.217E+04	5.826E+04	6.501E+04
-24	4.945E+04	5.513E+04	6.140E+04
-23	4.690E+04	5.218E+04	5.801E+04
-22	4.450E+04	4.942E+04	5.483E+04
-21	4.224E+04	4.682E+04	5.185E+04
-20	4.011E+04	4.438E+04	4.906E+04
-19	3.814E+04	4.212E+04	4.647E+04
-18	3.627E+04	3.998E+04	4.403E+04
-17	3.449E+04	3.796E+04	4.173E+04
-16	3.281E+04	3.604E+04	3.955E+04
-15	3.121E+04	3.422E+04	3.749E+04
-14	2.970E+04	3.250E+04	3.554E+04
-13	2.826E+04	3.087E+04	3.370E+04
-12	2.689E+04	2.933E+04	3.196E+04
-11	2.560E+04	2.787E+04	3.031E+04
-10	2.437E+04	2.648E+04	2.876E+04
-9	2.321E+04	2.518E+04	2.730E+04
-8	2.210E+04	2.394E+04	2.591E+04
-7	2.105E+04	2.277E+04	2.460E+04
-6	2.006E+04	2.165E+04	2.335E+04
-5	1.911E+04	2.059E+04	2.217E+04
-4	1.820E+04	1.959E+04	2.106E+04
-3	1.735E+04	1.863E+04	2.000E+04
-2	1.653E+04	1.773E+04	1.900E+04
-1	1.575E+04	1.687E+04	1.805E+04
0	1.502E+04	1.605E+04	1.715E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.502E+04	1.605E+04	1.715E+04
1	1.431E+04	1.527E+04	1.629E+04
2	1.364E+04	1.453E+04	1.547E+04
3	1.300E+04	1.383E+04	1.471E+04
4	1.240E+04	1.317E+04	1.398E+04
5	1.183E+04	1.255E+04	1.330E+04
6	1.129E+04	1.195E+04	1.265E+04
7	1.077E+04	1.139E+04	1.204E+04
8	1.029E+04	1.086E+04	1.146E+04
9	9.823E+03	1.036E+04	1.091E+04
10	9.384E+03	9.880E+03	1.039E+04
11	8.968E+03	9.428E+03	9.903E+03
12	8.572E+03	8.999E+03	9.438E+03
13	8.195E+03	8.591E+03	8.997E+03
14	7.836E+03	8.202E+03	8.578E+03
15	7.494E+03	7.833E+03	8.180E+03
16	7.169E+03	7.482E+03	7.803E+03
17	6.858E+03	7.149E+03	7.444E+03
18	6.563E+03	6.831E+03	7.103E+03
19	6.282E+03	6.529E+03	6.780E+03
20	6.013E+03	6.242E+03	6.473E+03
21	5.758E+03	5.968E+03	6.180E+03
22	5.514E+03	5.708E+03	5.903E+03
23	5.282E+03	5.460E+03	5.639E+03
24	5.061E+03	5.224E+03	5.388E+03
25	4.850E+03	5.000E+03	5.150E+03
26	4.637E+03	4.786E+03	4.937E+03
27	4.434E+03	4.583E+03	4.733E+03
28	4.241E+03	4.389E+03	4.539E+03
29	4.057E+03	4.205E+03	4.354E+03
30	3.882E+03	4.029E+03	4.177E+03
31	3.716E+03	3.861E+03	4.008E+03
32	3.557E+03	3.701E+03	3.847E+03
33	3.407E+03	3.549E+03	3.693E+03
34	3.263E+03	3.403E+03	3.546E+03
35	3.126E+03	3.264E+03	3.406E+03
36	2.995E+03	3.132E+03	3.272E+03
37	2.871E+03	3.006E+03	3.144E+03
38	2.752E+03	2.885E+03	3.021E+03
39	2.639E+03	2.770E+03	2.904E+03
40	2.531E+03	2.660E+03	2.792E+03
41	2.428E+03	2.555E+03	2.685E+03
42	2.330E+03	2.454E+03	2.583E+03
43	2.236E+03	2.358E+03	2.485E+03
44	2.147E+03	2.266E+03	2.391E+03
45	2.061E+03	2.179E+03	2.301E+03
46	1.980E+03	2.095E+03	2.215E+03
47	1.902E+03	2.015E+03	2.132E+03
48	1.827E+03	1.938E+03	2.054E+03
49	1.756E+03	1.864E+03	1.978E+03
50	1.688E+03	1.794E+03	1.906E+03

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B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.688E+03	1.794E+03	1.906E+03
51	1.622E+03	1.727E+03	1.836E+03
52	1.560E+03	1.662E+03	1.770E+03
53	1.501E+03	1.601E+03	1.706E+03
54	1.444E+03	1.542E+03	1.645E+03
55	1.389E+03	1.485E+03	1.586E+03
56	1.337E+03	1.431E+03	1.530E+03
57	1.287E+03	1.379E+03	1.476E+03
58	1.239E+03	1.329E+03	1.424E+03
59	1.193E+03	1.281E+03	1.374E+03
60	1.149E+03	1.235E+03	1.327E+03
61	1.107E+03	1.191E+03	1.281E+03
62	1.067E+03	1.149E+03	1.237E+03
63	1.028E+03	1.109E+03	1.195E+03
64	9.913E+02	1.070E+03	1.154E+03
65	9.558E+02	1.033E+03	1.115E+03
66	9.218E+02	9.971E+02	1.078E+03
67	8.891E+02	9.628E+02	1.042E+03
68	8.578E+02	9.298E+02	1.007E+03
69	8.277E+02	8.981E+02	9.735E+02
70	7.989E+02	8.676E+02	9.415E+02
71	7.711E+02	8.383E+02	9.106E+02
72	7.444E+02	8.101E+02	8.809E+02
73	7.188E+02	7.831E+02	8.523E+02
74	6.943E+02	7.570E+02	8.247E+02
75	6.706E+02	7.320E+02	7.983E+02
76	6.480E+02	7.079E+02	7.728E+02
77	6.262E+02	6.848E+02	7.482E+02
78	6.052E+02	6.625E+02	7.245E+02
79	5.850E+02	6.410E+02	7.018E+02
80	5.657E+02	6.204E+02	6.798E+02
81	5.471E+02	6.006E+02	6.587E+02
82	5.292E+02	5.815E+02	6.384E+02
83	5.120E+02	5.631E+02	6.188E+02
84	4.954E+02	5.454E+02	5.999E+02
85	4.795E+02	5.283E+02	5.816E+02
86	4.641E+02	5.119E+02	5.640E+02
87	4.493E+02	4.960E+02	5.470E+02
88	4.350E+02	4.807E+02	5.306E+02
89	4.213E+02	4.659E+02	5.148E+02
90	4.080E+02	4.516E+02	4.995E+02
91	3.952E+02	4.378E+02	4.847E+02
92	3.829E+02	4.246E+02	4.704E+02
93	3.710E+02	4.117E+02	4.566E+02
94	3.595E+02	3.994E+02	4.432E+02
95	3.484E+02	3.874E+02	4.304E+02
96	3.378E+02	3.759E+02	4.179E+02
97	3.275E+02	3.647E+02	4.059E+02
98	3.176E+02	3.540E+02	3.943E+02
99	3.080E+02	3.436E+02	3.830E+02
100	2.987E+02	3.336E+02	3.722E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.987E+02	3.336E+02	3.722E+02
101	2.898E+02	3.239E+02	3.617E+02
102	2.812E+02	3.146E+02	3.515E+02
103	2.729E+02	3.055E+02	3.417E+02
104	2.649E+02	2.968E+02	3.322E+02
105	2.571E+02	2.883E+02	3.230E+02
106	2.496E+02	2.802E+02	3.141E+02
107	2.424E+02	2.723E+02	3.055E+02
108	2.354E+02	2.646E+02	2.972E+02
109	2.286E+02	2.572E+02	2.891E+02
110	2.221E+02	2.500E+02	2.813E+02