NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-6D302H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	117.9	B-TOLERANCE(K)	117.9

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	8.542E+04	9.833E+04	1.131E+05
-39	8.025E+04	9.217E+04	1.058E+05
-38	7.542E+04	8.645E+04	9.899E+04
-37	7.092E+04	8.111E+04	9.268E+04
-36	6.670E+04	7.613E+04	8.681E+04
-35	6.277E+04	7.149E+04	8.135E+04
-34	5.909E+04	6.716E+04	7.626E+04
-33	5.565E+04	6.312E+04	7.152E+04
-32	5.242E+04	5.934E+04	6.711E+04
-31	4.941E+04	5.581E+04	6.299E+04
-30	4.658E+04	5.251E+04	5.915E+04
-29	4.394E+04	4.944E+04	5.558E+04
-28	4.146E+04	4.656E+04	5.224E+04
-27	3.914E+04	4.387E+04	4.912E+04
-26	3.696E+04	4.134E+04	4.620E+04
-25	3.491E+04	3.897E+04	4.347E+04
-24	3.298E+04	3.675E+04	4.091E+04
-23	3.117E+04	3.467E+04	3.852E+04
-22	2.947E+04	3.271E+04	3.628E+04
-21	2.786E+04	3.088E+04	3.418E+04
-20	2.636E+04	2.915E+04	3.221E+04
-19	2.495E+04	2.754E+04	3.038E+04
-18	2.362E+04	2.602E+04	2.865E+04
-17	2.236E+04	2.460E+04	2.703E+04
-16	2.118E+04	2.326E+04	2.551E+04
-15	2.006E+04	2.199E+04	2.408E+04
-14	1.901E+04	2.080E+04	2.274E+04
-13	1.802E+04	1.968E+04	2.148E+04
-12	1.709E+04	1.863E+04	2.030E+04
-11	1.621E+04	1.764E+04	1.918E+04
-10	1.537E+04	1.670E+04	1.813E+04
-9	1.458E+04	1.582E+04	1.715E+04
-8	1.384E+04	1.499E+04	1.622E+04
-7	1.314E+04	1.421E+04	1.534E+04
-6	1.248E+04	1.347E+04	1.452E+04
-5	1.185E+04	1.277E+04	1.375E+04
-4	1.126E+04	1.212E+04	1.302E+04
-3	1.070E+04	1.150E+04	1.234E+04
-2	1.018E+04	1.091E+04	1.169E+04
-1	9.680E+03	1.036E+04	1.109E+04
0	9.210E+03	9.845E+03	1.051E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.210E+03	9.845E+03	1.051E+04
1	8.765E+03	9.354E+03	9.974E+03
2	8.344E+03	8.891E+03	9.465E+03
3	7.945E+03	8.453E+03	8.985E+03
4	7.568E+03	8.039E+03	8.532E+03
5	7.211E+03	7.648E+03	8.105E+03
6	6.872E+03	7.278E+03	7.701E+03
7	6.552E+03	6.928E+03	7.320E+03
8	6.248E+03	6.597E+03	6.960E+03
9	5.960E+03	6.284E+03	6.619E+03
10	5.687E+03	5.987E+03	6.297E+03
11	5.428E+03	5.706E+03	5.993E+03
12	5.182E+03	5.440E+03	5.705E+03
13	4.949E+03	5.187E+03	5.432E+03
14	4.728E+03	4.948E+03	5.175E+03
15	4.518E+03	4.722E+03	4.930E+03
16	4.318E+03	4.507E+03	4.699E+03
17	4.128E+03	4.302E+03	4.480E+03
18	3.948E+03	4.109E+03	4.273E+03
19	3.776E+03	3.925E+03	4.076E+03
20	3.614E+03	3.751E+03	3.889E+03
21	3.459E+03	3.585E+03	3.712E+03
22	3.311E+03	3.427E+03	3.544E+03
23	3.171E+03	3.278E+03	3.385E+03
24	3.037E+03	3.135E+03	3.234E+03
25	2.910E+03	3.000E+03	3.090E+03
26	2.782E+03	2.871E+03	2.961E+03
27	2.659E+03	2.749E+03	2.839E+03
28	2.543E+03	2.632E+03	2.722E+03
29	2.433E+03	2.522E+03	2.611E+03
30	2.328E+03	2.416E+03	2.505E+03
31	2.228E+03	2.315E+03	2.404E+03
32	2.134E+03	2.220E+03	2.307E+03
33	2.043E+03	2.128E+03	2.215E+03
34	1.957E+03	2.041E+03	2.127E+03
35	1.875E+03	1.958E+03	2.043E+03
36	1.797E+03	1.879E+03	1.963E+03
37	1.723E+03	1.804E+03	1.886E+03
38	1.652E+03	1.732E+03	1.813E+03
39	1.585E+03	1.663E+03	1.744E+03
40	1.520E+03	1.597E+03	1.677E+03
41	1.459E+03	1.535E+03	1.613E+03
42	1.400E+03	1.475E+03	1.552E+03
43	1.345E+03	1.418E+03	1.493E+03
44	1.291E+03	1.363E+03	1.438E+03
45	1.240E+03	1.311E+03	1.384E+03
46	1.192E+03	1.261E+03	1.333E+03
47	1.145E+03	1.213E+03	1.284E+03
48	1.101E+03	1.168E+03	1.237E+03
49	1.058E+03	1.124E+03	1.192E+03
50	1.018E+03	1.082E+03	1.149E+03

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B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	117.9	B-TOLERANCE(K)	117.9

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.018E+03	1.082E+03	1.149E+03
51	9.793E+02	1.042E+03	1.108E+03
52	9.423E+02	1.004E+03	1.068E+03
53	9.068E+02	9.672E+02	1.031E+03
54	8.730E+02	9.321E+02	9.943E+02
55	8.405E+02	8.984E+02	9.595E+02
56	8.095E+02	8.662E+02	9.261E+02
57	7.798E+02	8.353E+02	8.940E+02
58	7.513E+02	8.057E+02	8.632E+02
59	7.241E+02	7.773E+02	8.337E+02
60	6.980E+02	7.501E+02	8.053E+02
61	6.729E+02	7.239E+02	7.781E+02
62	6.490E+02	6.989E+02	7.520E+02
63	6.260E+02	6.748E+02	7.268E+02
64	6.039E+02	6.517E+02	7.027E+02
65	5.827E+02	6.295E+02	6.795E+02
66	5.624E+02	6.082E+02	6.571E+02
67	5.429E+02	5.877E+02	6.357E+02
68	5.242E+02	5.681E+02	6.150E+02
69	5.063E+02	5.492E+02	5.951E+02
70	4.890E+02	5.310E+02	5.760E+02
71	4.724E+02	5.135E+02	5.576E+02
72	4.565E+02	4.967E+02	5.399E+02
73	4.412E+02	4.805E+02	5.228E+02
74	4.265E+02	4.649E+02	5.064E+02
75	4.124E+02	4.500E+02	4.905E+02
76	3.988E+02	4.356E+02	4.753E+02
77	3.857E+02	4.217E+02	4.606E+02
78	3.731E+02	4.083E+02	4.464E+02
79	3.610E+02	3.955E+02	4.328E+02
80	3.494E+02	3.831E+02	4.196E+02
81	3.382E+02	3.712E+02	4.070E+02
82	3.274E+02	3.597E+02	3.948E+02
83	3.171E+02	3.486E+02	3.830E+02
84	3.071E+02	3.379E+02	3.716E+02
85	2.975E+02	3.277E+02	3.606E+02
86	2.882E+02	3.177E+02	3.500E+02
87	2.792E+02	3.082E+02	3.398E+02
88	2.706E+02	2.989E+02	3.299E+02
89	2.623E+02	2.900E+02	3.203E+02
90	2.543E+02	2.814E+02	3.111E+02
91	2.466E+02	2.731E+02	3.022E+02
92	2.392E+02	2.651E+02	2.936E+02
93	2.320E+02	2.574E+02	2.853E+02
94	2.251E+02	2.499E+02	2.773E+02
95	2.184E+02	2.427E+02	2.695E+02
96	2.119E+02	2.357E+02	2.620E+02
97	2.057E+02	2.290E+02	2.547E+02
98	1.997E+02	2.225E+02	2.477E+02
99	1.938E+02	2.162E+02	2.409E+02
100	1.882E+02	2.101E+02	2.343E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.882E+02	2.101E+02	2.343E+02
101	1.828E+02	2.042E+02	2.279E+02
102	1.775E+02	1.985E+02	2.217E+02
103	1.724E+02	1.930E+02	2.157E+02
104	1.675E+02	1.876E+02	2.100E+02
105	1.628E+02	1.825E+02	2.043E+02
106	1.582E+02	1.775E+02	1.989E+02
107	1.538E+02	1.727E+02	1.937E+02
108	1.495E+02	1.680E+02	1.886E+02
109	1.454E+02	1.635E+02	1.837E+02
110	1.414E+02	1.591E+02	1.789E+02