NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3T203H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	20000 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	6.026E+05	6.940E+05	7.986E+05
-39	5.645E+05	6.487E+05	7.449E+05
-38	5.291E+05	6.067E+05	6.952E+05
-37	4.961E+05	5.677E+05	6.491E+05
-36	4.655E+05	5.315E+05	6.064E+05
-35	4.369E+05	4.978E+05	5.668E+05
-34	4.103E+05	4.665E+05	5.300E+05
-33	3.854E+05	4.374E+05	4.959E+05
-32	3.623E+05	4.102E+05	4.642E+05
-31	3.406E+05	3.850E+05	4.347E+05
-30	3.204E+05	3.614E+05	4.073E+05
-29	3.016E+05	3.395E+05	3.818E+05
-28	2.839E+05	3.190E+05	3.580E+05
-27	2.674E+05	2.999E+05	3.359E+05
-26	2.520E+05	2.820E+05	3.153E+05
-25	2.376E+05	2.653E+05	2.961E+05
-24	2.241E+05	2.498E+05	2.782E+05
-23	2.114E+05	2.352E+05	2.615E+05
-22	1.995E+05	2.216E+05	2.459E+05
-21	1.884E+05	2.088E+05	2.313E+05
-20	1.780E+05	1.969E+05	2.177E+05
-19	1.682E+05	1.857E+05	2.049E+05
-18	1.590E+05	1.753E+05	1.930E+05
-17	1.504E+05	1.655E+05	1.819E+05
-16	1.423E+05	1.563E+05	1.715E+05
-15	1.347E+05	1.476E+05	1.617E+05
-14	1.275E+05	1.395E+05	1.526E+05
-13	1.208E+05	1.319E+05	1.440E+05
-12	1.144E+05	1.248E+05	1.360E+05
-11	1.084E+05	1.181E+05	1.284E+05
-10	1.028E+05	1.118E+05	1.214E+05
-9	9.754E+04	1.058E+05	1.147E+05
-8	9.255E+04	1.003E+05	1.085E+05
-7	8.785E+04	9.500E+04	1.026E+05
-6	8.341E+04	9.005E+04	9.713E+04
-5	7.922E+04	8.539E+04	9.195E+04
-4	7.527E+04	8.099E+04	8.707E+04
-3	7.153E+04	7.685E+04	8.248E+04
-2	6.801E+04	7.294E+04	7.816E+04
-1	6.467E+04	6.925E+04	7.409E+04
0	6.152E+04	6.577E+04	7.025E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	6.152E+04	6.577E+04	7.025E+04
1	5.853E+04	6.248E+04	6.663E+04
2	5.571E+04	5.938E+04	6.322E+04
3	5.304E+04	5.644E+04	6.001E+04
4	5.052E+04	5.367E+04	5.697E+04
5	4.813E+04	5.105E+04	5.411E+04
6	4.587E+04	4.858E+04	5.141E+04
7	4.372E+04	4.624E+04	4.886E+04
8	4.169E+04	4.403E+04	4.645E+04
9	3.977E+04	4.193E+04	4.417E+04
10	3.794E+04	3.995E+04	4.202E+04
11	3.621E+04	3.807E+04	3.999E+04
12	3.457E+04	3.629E+04	3.807E+04
13	3.302E+04	3.461E+04	3.625E+04
14	3.154E+04	3.301E+04	3.453E+04
15	3.014E+04	3.150E+04	3.289E+04
16	2.880E+04	3.006E+04	3.135E+04
17	2.754E+04	2.870E+04	2.989E+04
18	2.633E+04	2.741E+04	2.850E+04
19	2.519E+04	2.618E+04	2.719E+04
20	2.410E+04	2.501E+04	2.594E+04
21	2.306E+04	2.391E+04	2.476E+04
22	2.208E+04	2.285E+04	2.363E+04
23	2.114E+04	2.185E+04	2.257E+04
24	2.025E+04	2.090E+04	2.156E+04
25	1.940E+04	2.000E+04	2.060E+04
26	1.854E+04	1.914E+04	1.974E+04
27	1.773E+04	1.832E+04	1.892E+04
28	1.695E+04	1.754E+04	1.814E+04
29	1.621E+04	1.680E+04	1.740E+04
30	1.551E+04	1.610E+04	1.669E+04
31	1.485E+04	1.543E+04	1.601E+04
32	1.421E+04	1.479E+04	1.537E+04
33	1.361E+04	1.417E+04	1.475E+04
34	1.303E+04	1.359E+04	1.417E+04
35	1.249E+04	1.304E+04	1.360E+04
36	1.196E+04	1.251E+04	1.307E+04
37	1.147E+04	1.201E+04	1.256E+04
38	1.099E+04	1.152E+04	1.207E+04
39	1.054E+04	1.106E+04	1.160E+04
40	1.011E+04	1.063E+04	1.115E+04
41	9.701E+03	1.021E+04	1.073E+04
42	9.310E+03	9.805E+03	1.032E+04
43	8.936E+03	9.423E+03	9.928E+03
44	8.579E+03	9.057E+03	9.554E+03
45	8.238E+03	8.708E+03	9.196E+03
46	7.913E+03	8.374E+03	8.853E+03
47	7.602E+03	8.054E+03	8.525E+03
48	7.305E+03	7.749E+03	8.211E+03
49	7.021E+03	7.456E+03	7.911E+03
50	6.750E+03	7.176E+03	7.622E+03

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25	25	50

R at T0℃	20000 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)
50	6.750E+03	7.176E+03	7.622E+03
51	6.491E+03	6.909E+03	7.347E+03
52	6.243E+03	6.653E+03	7.082E+03
53	6.006E+03	6.407E+03	6.828E+03
54	5.780E+03	6.172E+03	6.585E+03
55	5.563E+03	5.947E+03	6.352E+03
56	5.355E+03	5.731E+03	6.128E+03
57	5.156E+03	5.524E+03	5.913E+03
58	4.965E+03	5.326E+03	5.707E+03
59	4.783E+03	5.136E+03	5.509E+03
60	4.608E+03	4.953E+03	5.319E+03
61	4.440E+03	4.778E+03	5.137E+03
62	4.280E+03	4.610E+03	4.961E+03
63	4.126E+03	4.449E+03	4.793E+03
64	3.978E+03	4.294E+03	4.631E+03
65	3.836E+03	4.146E+03	4.475E+03
66	3.701E+03	4.003E+03	4.326E+03
67	3.570E+03	3.866E+03	4.182E+03
68	3.445E+03	3.734E+03	4.044E+03
69	3.325E+03	3.607E+03	3.911E+03
70	3.209E+03	3.486E+03	3.782E+03
71	3.099E+03	3.369E+03	3.659E+03
72	2.992E+03	3.256E+03	3.541E+03
73	2.890E+03	3.148E+03	3.426E+03
74	2.792E+03	3.044E+03	3.316E+03
75	2.697E+03	2.944E+03	3.211E+03
76	2.607E+03	2.848E+03	3.109E+03
77	2.519E+03	2.755E+03	3.010E+03
78	2.435E+03	2.666E+03	2.916E+03
79	2.355E+03	2.580E+03	2.824E+03
80	2.277E+03	2.497E+03	2.736E+03
81	2.202E+03	2.417E+03	2.652E+03
82	2.130E+03	2.341E+03	2.570E+03
83	2.061E+03	2.267E+03	2.491E+03
84	1.994E+03	2.195E+03	2.415E+03
85	1.930E+03	2.127E+03	2.341E+03
86	1.868E+03	2.060E+03	2.270E+03
87	1.809E+03	1.997E+03	2.202E+03
88	1.751E+03	1.935E+03	2.136E+03
89	1.696E+03	1.876E+03	2.073E+03
90	1.643E+03	1.818E+03	2.011E+03
91	1.592E+03	1.763E+03	1.952E+03
92	1.542E+03	1.710E+03	1.895E+03
93	1.495E+03	1.659E+03	1.839E+03
94	1.449E+03	1.609E+03	1.786E+03
95	1.404E+03	1.561E+03	1.734E+03
96	1.361E+03	1.515E+03	1.684E+03
97	1.320E+03	1.470E+03	1.636E+03
98	1.280E+03	1.427E+03	1.590E+03
99	1.242E+03	1.385E+03	1.544E+03
100	1.205E+03	1.345E+03	1.501E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.205E+03	1.345E+03	1.501E+03
101	1.169E+03	1.306E+03	1.459E+03
102	1.134E+03	1.269E+03	1.418E+03
103	1.101E+03	1.232E+03	1.378E+03
104	1.068E+03	1.197E+03	1.340E+03
105	1.037E+03	1.163E+03	1.303E+03
106	1.007E+03	1.130E+03	1.267E+03
107	9.775E+02	1.098E+03	1.232E+03
108	9.493E+02	1.067E+03	1.198E+03
109	9.219E+02	1.037E+03	1.166E+03
110	8.955E+02	1.008E+03	1.134E+03