NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3G302H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	103.5	B-TOLERANCE(K)	103.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	5.610E+04	6.371E+04	7.229E+04
-39	5.308E+04	6.017E+04	6.814E+04
-38	5.024E+04	5.684E+04	6.425E+04
-37	4.756E+04	5.371E+04	6.060E+04
-36	4.505E+04	5.078E+04	5.719E+04
-35	4.268E+04	4.803E+04	5.399E+04
-34	4.046E+04	4.544E+04	5.099E+04
-33	3.836E+04	4.301E+04	4.817E+04
-32	3.639E+04	4.072E+04	4.553E+04
-31	3.452E+04	3.857E+04	4.304E+04
-30	3.277E+04	3.654E+04	4.071E+04
-29	3.111E+04	3.463E+04	3.852E+04
-28	2.955E+04	3.284E+04	3.646E+04
-27	2.807E+04	3.114E+04	3.452E+04
-26	2.668E+04	2.955E+04	3.270E+04
-25	2.537E+04	2.805E+04	3.098E+04
-24	2.413E+04	2.663E+04	2.937E+04
-23	2.295E+04	2.529E+04	2.785E+04
-22	2.184E+04	2.403E+04	2.641E+04
-21	2.080E+04	2.284E+04	2.506E+04
-20	1.980E+04	2.172E+04	2.379E+04
-19	1.887E+04	2.066E+04	2.259E+04
-18	1.798E+04	1.965E+04	2.146E+04
-17	1.714E+04	1.870E+04	2.039E+04
-16	1.634E+04	1.781E+04	1.939E+04
-15	1.559E+04	1.696E+04	1.843E+04
-14	1.487E+04	1.615E+04	1.753E+04
-13	1.419E+04	1.539E+04	1.668E+04
-12	1.355E+04	1.467E+04	1.587E+04
-11	1.294E+04	1.399E+04	1.511E+04
-10	1.236E+04	1.334E+04	1.439E+04
-9	1.180E+04	1.273E+04	1.371E+04
-8	1.128E+04	1.214E+04	1.306E+04
-7	1.078E+04	1.159E+04	1.245E+04
-6	1.031E+04	1.107E+04	1.187E+04
-5	9.860E+03	1.057E+04	1.132E+04
-4	9.433E+03	1.009E+04	1.079E+04
-3	9.026E+03	9.646E+03	1.030E+04
-2	8.640E+03	9.220E+03	9.831E+03
-1	8.272E+03	8.816E+03	9.386E+03
0	7.922E+03	8.431E+03	8.964E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	7.922E+03	8.431E+03	8.964E+03
1	7.589E+03	8.065E+03	8.563E+03
2	7.272E+03	7.717E+03	8.183E+03
3	6.970E+03	7.387E+03	7.822E+03
4	6.682E+03	7.072E+03	7.478E+03
5	6.407E+03	6.772E+03	7.152E+03
6	6.146E+03	6.487E+03	6.842E+03
7	5.896E+03	6.216E+03	6.546E+03
8	5.658E+03	5.957E+03	6.266E+03
9	5.431E+03	5.710E+03	5.998E+03
10	5.214E+03	5.475E+03	5.744E+03
11	5.007E+03	5.251E+03	5.502E+03
12	4.810E+03	5.038E+03	5.272E+03
13	4.621E+03	4.834E+03	5.052E+03
14	4.441E+03	4.640E+03	4.843E+03
15	4.269E+03	4.454E+03	4.643E+03
16	4.104E+03	4.277E+03	4.453E+03
17	3.947E+03	4.108E+03	4.272E+03
18	3.796E+03	3.947E+03	4.099E+03
19	3.652E+03	3.792E+03	3.934E+03
20	3.515E+03	3.645E+03	3.777E+03
21	3.383E+03	3.504E+03	3.626E+03
22	3.257E+03	3.370E+03	3.483E+03
23	3.136E+03	3.241E+03	3.346E+03
24	3.021E+03	3.118E+03	3.215E+03
25	2.910E+03	3.000E+03	3.090E+03
26	2.797E+03	2.887E+03	2.977E+03
27	2.690E+03	2.780E+03	2.870E+03
28	2.587E+03	2.676E+03	2.766E+03
29	2.489E+03	2.578E+03	2.667E+03
30	2.395E+03	2.483E+03	2.572E+03
31	2.305E+03	2.392E+03	2.481E+03
32	2.218E+03	2.305E+03	2.394E+03
33	2.136E+03	2.222E+03	2.310E+03
34	2.057E+03	2.142E+03	2.229E+03
35	1.981E+03	2.066E+03	2.152E+03
36	1.909E+03	1.993E+03	2.078E+03
37	1.840E+03	1.922E+03	2.007E+03
38	1.773E+03	1.855E+03	1.938E+03
39	1.709E+03	1.790E+03	1.872E+03
40	1.648E+03	1.728E+03	1.809E+03
41	1.589E+03	1.668E+03	1.749E+03
42	1.533E+03	1.610E+03	1.690E+03
43	1.479E+03	1.555E+03	1.634E+03
44	1.427E+03	1.502E+03	1.580E+03
45	1.378E+03	1.452E+03	1.528E+03
46	1.330E+03	1.403E+03	1.478E+03
47	1.284E+03	1.356E+03	1.430E+03
48	1.240E+03	1.311E+03	1.384E+03
49	1.198E+03	1.267E+03	1.340E+03
50	1.157E+03	1.226E+03	1.297E+03

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R at T0℃	3000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3450 K	B+TOLERANCE(K)	103.5	B-TOLERANCE(K)	103.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.157E+03	1.226E+03	1.297E+03
51	1.118E+03	1.186E+03	1.256E+03
52	1.081E+03	1.147E+03	1.216E+03
53	1.045E+03	1.110E+03	1.178E+03
54	1.010E+03	1.074E+03	1.141E+03
55	9.771E+02	1.040E+03	1.106E+03
56	9.451E+02	1.007E+03	1.071E+03
57	9.143E+02	9.748E+02	1.038E+03
58	8.847E+02	9.441E+02	1.007E+03
59	8.562E+02	9.146E+02	9.761E+02
60	8.287E+02	8.861E+02	9.466E+02
61	8.023E+02	8.587E+02	9.181E+02
62	7.769E+02	8.322E+02	8.907E+02
63	7.524E+02	8.068E+02	8.642E+02
64	7.288E+02	7.822E+02	8.386E+02
65	7.061E+02	7.585E+02	8.140E+02
66	6.842E+02	7.356E+02	7.901E+02
67	6.631E+02	7.135E+02	7.671E+02
68	6.427E+02	6.922E+02	7.448E+02
69	6.230E+02	6.716E+02	7.234E+02
70	6.041E+02	6.518E+02	7.026E+02
71	5.858E+02	6.326E+02	6.825E+02
72	5.681E+02	6.140E+02	6.631E+02
73	5.511E+02	5.961E+02	6.443E+02
74	5.346E+02	5.788E+02	6.261E+02
75	5.187E+02	5.621E+02	6.086E+02
76	5.034E+02	5.460E+02	5.916E+02
77	4.886E+02	5.304E+02	5.752E+02
78	4.743E+02	5.153E+02	5.593E+02
79	4.605E+02	5.007E+02	5.439E+02
80	4.472E+02	4.866E+02	5.291E+02
81	4.343E+02	4.730E+02	5.147E+02
82	4.219E+02	4.599E+02	5.008E+02
83	4.099E+02	4.471E+02	4.873E+02
84	3.983E+02	4.348E+02	4.743E+02
85	3.870E+02	4.229E+02	4.617E+02
86	3.762E+02	4.114E+02	4.494E+02
87	3.656E+02	4.002E+02	4.376E+02
88	3.555E+02	3.893E+02	4.261E+02
89	3.456E+02	3.789E+02	4.149E+02
90	3.361E+02	3.687E+02	4.041E+02
91	3.269E+02	3.588E+02	3.936E+02
92	3.179E+02	3.493E+02	3.834E+02
93	3.093E+02	3.401E+02	3.736E+02
94	3.009E+02	3.311E+02	3.640E+02
95	2.928E+02	3.224E+02	3.547E+02
96	2.849E+02	3.140E+02	3.457E+02
97	2.773E+02	3.058E+02	3.370E+02
98	2.699E+02	2.979E+02	3.286E+02
99	2.628E+02	2.903E+02	3.203E+02
100	2.559E+02	2.828E+02	3.124E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.559E+02	2.828E+02	3.124E+02
101	2.492E+02	2.757E+02	3.047E+02
102	2.427E+02	2.687E+02	2.972E+02
103	2.364E+02	2.619E+02	2.899E+02
104	2.303E+02	2.553E+02	2.828E+02
105	2.244E+02	2.490E+02	2.760E+02
106	2.187E+02	2.428E+02	2.693E+02
107	2.131E+02	2.368E+02	2.628E+02
108	2.077E+02	2.309E+02	2.565E+02
109	2.024E+02	2.252E+02	2.504E+02
110	1.973E+02	2.197E+02	2.445E+02