NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3U104H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	100000 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	2.678E+06	3.084E+06	3.549E+06
-39	2.519E+06	2.895E+06	3.324E+06
-38	2.371E+06	2.719E+06	3.115E+06
-37	2.232E+06	2.555E+06	2.921E+06
-36	2.103E+06	2.401E+06	2.739E+06
-35	1.981E+06	2.257E+06	2.570E+06
-34	1.867E+06	2.123E+06	2.412E+06
-33	1.760E+06	1.998E+06	2.265E+06
-32	1.660E+06	1.880E+06	2.127E+06
-31	1.566E+06	1.770E+06	1.999E+06
-30	1.478E+06	1.668E+06	1.879E+06
-29	1.396E+06	1.571E+06	1.767E+06
-28	1.318E+06	1.481E+06	1.662E+06
-27	1.245E+06	1.396E+06	1.564E+06
-26	1.177E+06	1.317E+06	1.473E+06
-25	1.113E+06	1.243E+06	1.387E+06
-24	1.052E+06	1.173E+06	1.307E+06
-23	9.955E+05	1.108E+06	1.231E+06
-22	9.421E+05	1.046E+06	1.161E+06
-21	8.918E+05	9.885E+05	1.095E+06
-20	8.444E+05	9.343E+05	1.033E+06
-19	7.999E+05	8.833E+05	9.746E+05
-18	7.579E+05	8.354E+05	9.201E+05
-17	7.183E+05	7.904E+05	8.689E+05
-16	6.810E+05	7.480E+05	8.209E+05
-15	6.459E+05	7.081E+05	7.757E+05
-14	6.127E+05	6.706E+05	7.333E+05
-13	5.814E+05	6.352E+05	6.934E+05
-12	5.519E+05	6.019E+05	6.558E+05
-11	5.240E+05	5.705E+05	6.206E+05
-10	4.976E+05	5.409E+05	5.874E+05
-9	4.727E+05	5.129E+05	5.561E+05
-8	4.492E+05	4.866E+05	5.266E+05
-7	4.270E+05	4.617E+05	4.989E+05
-6	4.060E+05	4.383E+05	4.727E+05
-5	3.861E+05	4.162E+05	4.481E+05
-4	3.673E+05	3.953E+05	4.249E+05
-3	3.496E+05	3.756E+05	4.031E+05
-2	3.328E+05	3.569E+05	3.825E+05
-1	3.169E+05	3.393E+05	3.630E+05
0	3.018E+05	3.227E+05	3.446E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.018E+05	3.227E+05	3.446E+05
1	2.875E+05	3.069E+05	3.273E+05
2	2.740E+05	2.920E+05	3.110E+05
3	2.612E+05	2.780E+05	2.955E+05
4	2.491E+05	2.646E+05	2.809E+05
5	2.375E+05	2.520E+05	2.671E+05
6	2.266E+05	2.400E+05	2.540E+05
7	2.162E+05	2.287E+05	2.417E+05
8	2.064E+05	2.180E+05	2.300E+05
9	1.971E+05	2.078E+05	2.189E+05
10	1.882E+05	1.981E+05	2.084E+05
11	1.797E+05	1.890E+05	1.985E+05
12	1.717E+05	1.803E+05	1.891E+05
13	1.641E+05	1.720E+05	1.802E+05
14	1.569E+05	1.642E+05	1.717E+05
15	1.500E+05	1.568E+05	1.637E+05
16	1.434E+05	1.497E+05	1.561E+05
17	1.372E+05	1.430E+05	1.489E+05
18	1.313E+05	1.366E+05	1.421E+05
19	1.256E+05	1.306E+05	1.356E+05
20	1.203E+05	1.248E+05	1.295E+05
21	1.152E+05	1.194E+05	1.236E+05
22	1.103E+05	1.142E+05	1.181E+05
23	1.056E+05	1.092E+05	1.128E+05
24	1.012E+05	1.045E+05	1.078E+05
25	9.700E+04	1.000E+05	1.030E+05
26	9.273E+04	9.573E+04	9.873E+04
27	8.868E+04	9.166E+04	9.466E+04
28	8.482E+04	8.779E+04	9.078E+04
29	8.115E+04	8.410E+04	8.708E+04
30	7.765E+04	8.058E+04	8.354E+04
31	7.433E+04	7.723E+04	8.017E+04
32	7.116E+04	7.403E+04	7.695E+04
33	6.815E+04	7.099E+04	7.388E+04
34	6.527E+04	6.808E+04	7.094E+04
35	6.254E+04	6.531E+04	6.814E+04
36	5.993E+04	6.266E+04	6.546E+04
37	5.744E+04	6.014E+04	6.290E+04
38	5.507E+04	5.772E+04	6.045E+04
39	5.281E+04	5.542E+04	5.811E+04
40	5.065E+04	5.322E+04	5.587E+04
41	4.859E+04	5.112E+04	5.373E+04
42	4.662E+04	4.911E+04	5.168E+04
43	4.474E+04	4.718E+04	4.971E+04
44	4.295E+04	4.535E+04	4.783E+04
45	4.124E+04	4.359E+04	4.603E+04
46	3.960E+04	4.191E+04	4.431E+04
47	3.804E+04	4.030E+04	4.266E+04
48	3.655E+04	3.876E+04	4.108E+04
49	3.512E+04	3.729E+04	3.956E+04
50	3.375E+04	3.588E+04	3.811E+04

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R at T0℃	100000 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	3.375E+04	3.588E+04	3.811E+04
51	3.244E+04	3.453E+04	3.672E+04
52	3.119E+04	3.324E+04	3.538E+04
53	3.000E+04	3.200E+04	3.410E+04
54	2.885E+04	3.081E+04	3.288E+04
55	2.776E+04	2.968E+04	3.170E+04
56	2.671E+04	2.859E+04	3.057E+04
57	2.571E+04	2.754E+04	2.948E+04
58	2.475E+04	2.654E+04	2.844E+04
59	2.383E+04	2.558E+04	2.744E+04
60	2.294E+04	2.466E+04	2.648E+04
61	2.210E+04	2.378E+04	2.556E+04
62	2.129E+04	2.293E+04	2.468E+04
63	2.051E+04	2.212E+04	2.383E+04
64	1.977E+04	2.134E+04	2.301E+04
65	1.905E+04	2.059E+04	2.223E+04
66	1.837E+04	1.987E+04	2.147E+04
67	1.771E+04	1.918E+04	2.075E+04
68	1.708E+04	1.851E+04	2.005E+04
69	1.647E+04	1.787E+04	1.938E+04
70	1.589E+04	1.726E+04	1.873E+04
71	1.534E+04	1.667E+04	1.811E+04
72	1.480E+04	1.611E+04	1.751E+04
73	1.429E+04	1.556E+04	1.694E+04
74	1.379E+04	1.504E+04	1.638E+04
75	1.332E+04	1.453E+04	1.585E+04
76	1.286E+04	1.405E+04	1.534E+04
77	1.242E+04	1.358E+04	1.484E+04
78	1.200E+04	1.313E+04	1.436E+04
79	1.159E+04	1.270E+04	1.390E+04
80	1.120E+04	1.229E+04	1.346E+04
81	1.083E+04	1.188E+04	1.304E+04
82	1.046E+04	1.150E+04	1.262E+04
83	1.012E+04	1.113E+04	1.223E+04
84	9.782E+03	1.077E+04	1.184E+04
85	9.459E+03	1.042E+04	1.148E+04
86	9.149E+03	1.009E+04	1.112E+04
87	8.851E+03	9.770E+03	1.078E+04
88	8.563E+03	9.462E+03	1.045E+04
89	8.286E+03	9.164E+03	1.013E+04
90	8.019E+03	8.877E+03	9.817E+03
91	7.762E+03	8.600E+03	9.519E+03
92	7.514E+03	8.333E+03	9.232E+03
93	7.276E+03	8.075E+03	8.955E+03
94	7.045E+03	7.827E+03	8.687E+03
95	6.824E+03	7.587E+03	8.428E+03
96	6.610E+03	7.355E+03	8.178E+03
97	6.403E+03	7.132E+03	7.937E+03
98	6.205E+03	6.916E+03	7.703E+03
99	6.013E+03	6.708E+03	7.478E+03
100	5.827E+03	6.507E+03	7.260E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	5.827E+03	6.507E+03	7.260E+03
101	5.649E+03	6.313E+03	7.050E+03
102	5.477E+03	6.126E+03	6.846E+03
103	5.310E+03	5.945E+03	6.649E+03
104	5.150E+03	5.770E+03	6.459E+03
105	4.995E+03	5.601E+03	6.275E+03
106	4.845E+03	5.437E+03	6.097E+03
107	4.700E+03	5.279E+03	5.925E+03
108	4.560E+03	5.127E+03	5.758E+03
109	4.425E+03	4.979E+03	5.596E+03
110	4.295E+03	4.836E+03	5.440E+03