NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-3G102H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	1000 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	1.870E+04	2.124E+04	2.410E+04
-39	1.769E+04	2.006E+04	2.271E+04
-38	1.675E+04	1.895E+04	2.142E+04
-37	1.585E+04	1.790E+04	2.020E+04
-36	1.502E+04	1.693E+04	1.906E+04
-35	1.423E+04	1.601E+04	1.800E+04
-34	1.349E+04	1.515E+04	1.700E+04
-33	1.279E+04	1.434E+04	1.606E+04
-32	1.213E+04	1.357E+04	1.518E+04
-31	1.151E+04	1.286E+04	1.435E+04
-30	1.092E+04	1.218E+04	1.357E+04
-29	1.037E+04	1.154E+04	1.284E+04
-28	9.849E+03	1.095E+04	1.215E+04
-27	9.358E+03	1.038E+04	1.151E+04
-26	8.894E+03	9.850E+03	1.090E+04
-25	8.456E+03	9.349E+03	1.033E+04
-24	8.042E+03	8.876E+03	9.788E+03
-23	7.651E+03	8.431E+03	9.282E+03
-22	7.281E+03	8.010E+03	8.804E+03
-21	6.932E+03	7.613E+03	8.354E+03
-20	6.601E+03	7.239E+03	7.930E+03
-19	6.289E+03	6.885E+03	7.531E+03
-18	5.993E+03	6.551E+03	7.154E+03
-17	5.713E+03	6.235E+03	6.798E+03
-16	5.448E+03	5.936E+03	6.462E+03
-15	5.196E+03	5.653E+03	6.144E+03
-14	4.957E+03	5.385E+03	5.844E+03
-13	4.731E+03	5.131E+03	5.560E+03
-12	4.516E+03	4.891E+03	5.291E+03
-11	4.312E+03	4.663E+03	5.037E+03
-10	4.119E+03	4.447E+03	4.797E+03
-9	3.935E+03	4.242E+03	4.569E+03
-8	3.760E+03	4.048E+03	4.353E+03
-7	3.594E+03	3.863E+03	4.149E+03
-6	3.436E+03	3.688E+03	3.955E+03
-5	3.287E+03	3.522E+03	3.772E+03
-4	3.144E+03	3.365E+03	3.598E+03
-3	3.009E+03	3.215E+03	3.433E+03
-2	2.880E+03	3.073E+03	3.277E+03
-1	2.757E+03	2.939E+03	3.129E+03
0	2.641E+03	2.810E+03	2.988E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.641E+03	2.810E+03	2.988E+03
1	2.530E+03	2.688E+03	2.854E+03
2	2.424E+03	2.572E+03	2.728E+03
3	2.323E+03	2.462E+03	2.607E+03
4	2.227E+03	2.357E+03	2.493E+03
5	2.136E+03	2.257E+03	2.384E+03
6	2.049E+03	2.162E+03	2.281E+03
7	1.965E+03	2.072E+03	2.182E+03
8	1.886E+03	1.986E+03	2.089E+03
9	1.810E+03	1.903E+03	1.999E+03
10	1.738E+03	1.825E+03	1.915E+03
11	1.669E+03	1.750E+03	1.834E+03
12	1.603E+03	1.679E+03	1.757E+03
13	1.540E+03	1.611E+03	1.684E+03
14	1.480E+03	1.547E+03	1.614E+03
15	1.423E+03	1.485E+03	1.548E+03
16	1.368E+03	1.426E+03	1.484E+03
17	1.316E+03	1.369E+03	1.424E+03
18	1.265E+03	1.316E+03	1.366E+03
19	1.217E+03	1.264E+03	1.311E+03
20	1.172E+03	1.215E+03	1.259E+03
21	1.128E+03	1.168E+03	1.209E+03
22	1.086E+03	1.123E+03	1.161E+03
23	1.045E+03	1.080E+03	1.115E+03
24	1.007E+03	1.039E+03	1.072E+03
25	9.700E+02	1.000E+03	1.030E+03
26	9.325E+02	9.624E+02	9.925E+02
27	8.966E+02	9.265E+02	9.565E+02
28	8.624E+02	8.921E+02	9.221E+02
29	8.296E+02	8.592E+02	8.890E+02
30	7.982E+02	8.276E+02	8.574E+02
31	7.682E+02	7.974E+02	8.270E+02
32	7.395E+02	7.685E+02	7.978E+02
33	7.120E+02	7.407E+02	7.699E+02
34	6.857E+02	7.141E+02	7.431E+02
35	6.605E+02	6.886E+02	7.173E+02
36	6.363E+02	6.642E+02	6.926E+02
37	6.132E+02	6.407E+02	6.689E+02
38	5.910E+02	6.182E+02	6.461E+02
39	5.698E+02	5.966E+02	6.241E+02
40	5.494E+02	5.759E+02	6.031E+02
41	5.298E+02	5.560E+02	5.828E+02
42	5.111E+02	5.368E+02	5.634E+02
43	4.931E+02	5.185E+02	5.447E+02
44	4.758E+02	5.008E+02	5.267E+02
45	4.592E+02	4.839E+02	5.094E+02
46	4.433E+02	4.676E+02	4.927E+02
47	4.280E+02	4.519E+02	4.767E+02
48	4.134E+02	4.369E+02	4.613E+02
49	3.993E+02	4.224E+02	4.465E+02
50	3.858E+02	4.085E+02	4.322E+02

NTC THERMISTOR R-T CHARACTERISTICS

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25	25	50

R at T0℃	1000 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	3.858E+02	4.085E+02	4.322E+02
51	3.728E+02	3.952E+02	4.185E+02
52	3.603E+02	3.823E+02	4.053E+02
53	3.483E+02	3.700E+02	3.926E+02
54	3.368E+02	3.581E+02	3.803E+02
55	3.257E+02	3.466E+02	3.685E+02
56	3.150E+02	3.356E+02	3.571E+02
57	3.048E+02	3.249E+02	3.461E+02
58	2.949E+02	3.147E+02	3.356E+02
59	2.854E+02	3.049E+02	3.254E+02
60	2.762E+02	2.954E+02	3.155E+02
61	2.674E+02	2.862E+02	3.060E+02
62	2.590E+02	2.774E+02	2.969E+02
63	2.508E+02	2.689E+02	2.881E+02
64	2.429E+02	2.607E+02	2.795E+02
65	2.354E+02	2.528E+02	2.713E+02
66	2.281E+02	2.452E+02	2.634E+02
67	2.210E+02	2.378E+02	2.557E+02
68	2.142E+02	2.307E+02	2.483E+02
69	2.077E+02	2.239E+02	2.411E+02
70	2.014E+02	2.173E+02	2.342E+02
71	1.953E+02	2.109E+02	2.275E+02
72	1.894E+02	2.047E+02	2.210E+02
73	1.837E+02	1.987E+02	2.148E+02
74	1.782E+02	1.929E+02	2.087E+02
75	1.729E+02	1.874E+02	2.029E+02
76	1.678E+02	1.820E+02	1.972E+02
77	1.629E+02	1.768E+02	1.917E+02
78	1.581E+02	1.718E+02	1.864E+02
79	1.535E+02	1.669E+02	1.813E+02
80	1.491E+02	1.622E+02	1.764E+02
81	1.448E+02	1.577E+02	1.716E+02
82	1.406E+02	1.533E+02	1.669E+02
83	1.366E+02	1.490E+02	1.624E+02
84	1.328E+02	1.449E+02	1.581E+02
85	1.290E+02	1.410E+02	1.539E+02
86	1.254E+02	1.371E+02	1.498E+02
87	1.219E+02	1.334E+02	1.459E+02
88	1.185E+02	1.298E+02	1.420E+02
89	1.152E+02	1.263E+02	1.383E+02
90	1.120E+02	1.229E+02	1.347E+02
91	1.090E+02	1.196E+02	1.312E+02
92	1.060E+02	1.164E+02	1.278E+02
93	1.031E+02	1.134E+02	1.245E+02
94	1.003E+02	1.104E+02	1.213E+02
95	9.759E+01	1.075E+02	1.182E+02
96	9.497E+01	1.047E+02	1.152E+02
97	9.243E+01	1.019E+02	1.123E+02
98	8.997E+01	9.931E+01	1.095E+02
99	8.760E+01	9.676E+01	1.068E+02
100	8.529E+01	9.428E+01	1.041E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	8.529E+01	9.428E+01	1.041E+02
101	8.306E+01	9.189E+01	1.016E+02
102	8.090E+01	8.956E+01	9.906E+01
103	7.880E+01	8.730E+01	9.663E+01
104	7.677E+01	8.511E+01	9.428E+01
105	7.480E+01	8.299E+01	9.199E+01
106	7.289E+01	8.092E+01	8.977E+01
107	7.103E+01	7.892E+01	8.761E+01
108	6.923E+01	7.697E+01	8.551E+01
109	6.748E+01	7.508E+01	8.347E+01
110	6.578E+01	7.325E+01	8.148E+01