NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CN25-6D102H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	1000 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	2.847E+04	3.278E+04	3.769E+04
-39	2.675E+04	3.072E+04	3.526E+04
-38	2.514E+04	2.882E+04	3.300E+04
-37	2.364E+04	2.704E+04	3.089E+04
-36	2.223E+04	2.538E+04	2.894E+04
-35	2.092E+04	2.383E+04	2.712E+04
-34	1.970E+04	2.239E+04	2.542E+04
-33	1.855E+04	2.104E+04	2.384E+04
-32	1.747E+04	1.978E+04	2.237E+04
-31	1.647E+04	1.860E+04	2.100E+04
-30	1.553E+04	1.750E+04	1.972E+04
-29	1.465E+04	1.648E+04	1.853E+04
-28	1.382E+04	1.552E+04	1.741E+04
-27	1.305E+04	1.462E+04	1.637E+04
-26	1.232E+04	1.378E+04	1.540E+04
-25	1.164E+04	1.299E+04	1.449E+04
-24	1.099E+04	1.225E+04	1.364E+04
-23	1.039E+04	1.156E+04	1.284E+04
-22	9.822E+03	1.090E+04	1.209E+04
-21	9.288E+03	1.029E+04	1.139E+04
-20	8.786E+03	9.718E+03	1.074E+04
-19	8.315E+03	9.180E+03	1.013E+04
-18	7.872E+03	8.675E+03	9.551E+03
-17	7.454E+03	8.199E+03	9.011E+03
-16	7.060E+03	7.752E+03	8.504E+03
-15	6.688E+03	7.331E+03	8.028E+03
-14	6.338E+03	6.935E+03	7.581E+03
-13	6.007E+03	6.562E+03	7.160E+03
-12	5.696E+03	6.210E+03	6.765E+03
-11	5.402E+03	5.880E+03	6.394E+03
-10	5.124E+03	5.568E+03	6.045E+03
-9	4.861E+03	5.273E+03	5.715E+03
-8	4.614E+03	4.996E+03	5.406E+03
-7	4.380E+03	4.735E+03	5.115E+03
-6	4.159E+03	4.489E+03	4.841E+03
-5	3.951E+03	4.257E+03	4.583E+03
-4	3.754E+03	4.039E+03	4.341E+03
-3	3.568E+03	3.833E+03	4.113E+03
-2	3.393E+03	3.638E+03	3.898E+03
-1	3.227E+03	3.455E+03	3.695E+03
0	3.070E+03	3.282E+03	3.505E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.070E+03	3.282E+03	3.505E+03
1	2.922E+03	3.118E+03	3.325E+03
2	2.781E+03	2.964E+03	3.155E+03
3	2.648E+03	2.818E+03	2.995E+03
4	2.523E+03	2.680E+03	2.844E+03
5	2.404E+03	2.549E+03	2.702E+03
6	2.291E+03	2.426E+03	2.567E+03
7	2.184E+03	2.309E+03	2.440E+03
8	2.083E+03	2.199E+03	2.320E+03
9	1.987E+03	2.095E+03	2.206E+03
10	1.896E+03	1.996E+03	2.099E+03
11	1.809E+03	1.902E+03	1.998E+03
12	1.727E+03	1.813E+03	1.902E+03
13	1.650E+03	1.729E+03	1.811E+03
14	1.576E+03	1.649E+03	1.725E+03
15	1.506E+03	1.574E+03	1.643E+03
16	1.439E+03	1.502E+03	1.566E+03
17	1.376E+03	1.434E+03	1.493E+03
18	1.316E+03	1.370E+03	1.424E+03
19	1.259E+03	1.308E+03	1.359E+03
20	1.205E+03	1.250E+03	1.296E+03
21	1.153E+03	1.195E+03	1.237E+03
22	1.104E+03	1.142E+03	1.181E+03
23	1.057E+03	1.093E+03	1.128E+03
24	1.012E+03	1.045E+03	1.078E+03
25	9.700E+02	1.000E+03	1.030E+03
26	9.272E+02	9.571E+02	9.871E+02
27	8.865E+02	9.163E+02	9.463E+02
28	8.478E+02	8.775E+02	9.074E+02
29	8.110E+02	8.405E+02	8.703E+02
30	7.761E+02	8.053E+02	8.349E+02
31	7.428E+02	7.718E+02	8.012E+02
32	7.112E+02	7.399E+02	7.690E+02
33	6.811E+02	7.094E+02	7.383E+02
34	6.524E+02	6.804E+02	7.090E+02
35	6.251E+02	6.528E+02	6.810E+02
36	5.991E+02	6.264E+02	6.543E+02
37	5.743E+02	6.012E+02	6.288E+02
38	5.507E+02	5.772E+02	6.045E+02
39	5.282E+02	5.543E+02	5.812E+02
40	5.068E+02	5.325E+02	5.589E+02
41	4.863E+02	5.116E+02	5.376E+02
42	4.668E+02	4.916E+02	5.173E+02
43	4.482E+02	4.726E+02	4.978E+02
44	4.304E+02	4.543E+02	4.792E+02
45	4.134E+02	4.369E+02	4.614E+02
46	3.972E+02	4.203E+02	4.443E+02
47	3.817E+02	4.044E+02	4.280E+02
48	3.670E+02	3.892E+02	4.124E+02
49	3.528E+02	3.746E+02	3.974E+02
50	3.393E+02	3.607E+02	3.830E+02

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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	3.393E+02	3.607E+02	3.830E+02
51	3.264E+02	3.474E+02	3.693E+02
52	3.141E+02	3.346E+02	3.561E+02
53	3.023E+02	3.224E+02	3.435E+02
54	2.910E+02	3.107E+02	3.314E+02
55	2.802E+02	2.995E+02	3.198E+02
56	2.698E+02	2.887E+02	3.087E+02
57	2.599E+02	2.784E+02	2.980E+02
58	2.504E+02	2.686E+02	2.877E+02
59	2.414E+02	2.591E+02	2.779E+02
60	2.327E+02	2.500E+02	2.684E+02
61	2.243E+02	2.413E+02	2.594E+02
62	2.163E+02	2.330E+02	2.507E+02
63	2.087E+02	2.249E+02	2.423E+02
64	2.013E+02	2.172E+02	2.342E+02
65	1.942E+02	2.098E+02	2.265E+02
66	1.875E+02	2.027E+02	2.190E+02
67	1.810E+02	1.959E+02	2.119E+02
68	1.747E+02	1.894E+02	2.050E+02
69	1.688E+02	1.831E+02	1.984E+02
70	1.630E+02	1.770E+02	1.920E+02
71	1.575E+02	1.712E+02	1.859E+02
72	1.522E+02	1.656E+02	1.800E+02
73	1.471E+02	1.602E+02	1.743E+02
74	1.422E+02	1.550E+02	1.688E+02
75	1.375E+02	1.500E+02	1.635E+02
76	1.329E+02	1.452E+02	1.584E+02
77	1.286E+02	1.406E+02	1.535E+02
78	1.244E+02	1.361E+02	1.488E+02
79	1.203E+02	1.318E+02	1.443E+02
80	1.165E+02	1.277E+02	1.399E+02
81	1.127E+02	1.237E+02	1.357E+02
82	1.091E+02	1.199E+02	1.316E+02
83	1.057E+02	1.162E+02	1.277E+02
84	1.024E+02	1.126E+02	1.239E+02
85	9.915E+01	1.092E+02	1.202E+02
86	9.606E+01	1.059E+02	1.167E+02
87	9.308E+01	1.027E+02	1.133E+02
88	9.021E+01	9.964E+01	1.100E+02
89	8.744E+01	9.667E+01	1.068E+02
90	8.478E+01	9.381E+01	1.037E+02
91	8.220E+01	9.104E+01	1.007E+02
92	7.972E+01	8.837E+01	9.788E+01
93	7.733E+01	8.580E+01	9.511E+01
94	7.502E+01	8.331E+01	9.243E+01
95	7.279E+01	8.090E+01	8.984E+01
96	7.064E+01	7.858E+01	8.733E+01
97	6.856E+01	7.633E+01	8.491E+01
98	6.655E+01	7.416E+01	8.257E+01
99	6.462E+01	7.206E+01	8.030E+01
100	6.274E+01	7.003E+01	7.810E+01

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.274E+01	7.003E+01	7.810E+01
101	6.093E+01	6.807E+01	7.597E+01
102	5.917E+01	6.616E+01	7.391E+01
103	5.748E+01	6.432E+01	7.191E+01
104	5.585E+01	6.254E+01	6.998E+01
105	5.427E+01	6.082E+01	6.812E+01
106	5.274E+01	5.916E+01	6.631E+01
107	5.126E+01	5.755E+01	6.456E+01
108	4.983E+01	5.600E+01	6.286E+01
109	4.845E+01	5.449E+01	6.122E+01
110	4.712E+01	5.303E+01	5.963E+01