NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3L104J [R,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3540 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.036E+006	2.367E+006	2.745E+006
-39	1.923E+006	2.231E+006	2.582E+006
-38	1.816E+006	2.103E+006	2.429E+006
-37	1.716E+006	1.983E+006	2.287E+006
-36	1.622E+006	1.871E+006	2.153E+006
-35	1.533E+006	1.766E+006	2.028E+006
-34	1.450E+006	1.667E+006	1.911E+006
-33	1.372E+006	1.574E+006	1.802E+006
-32	1.299E+006	1.487E+006	1.699E+006
-31	1.230E+006	1.406E+006	1.603E+006
-30	1.165E+006	1.329E+006	1.513E+006
-29	1.104E+006	1.257E+006	1.428E+006
-28	1.046E+006	1.189E+006	1.348E+006
-27	9.915E+005	1.125E+006	1.274E+006
-26	9.403E+005	1.065E+006	1.204E+006
-25	8.921E+005	1.009E+006	1.138E+006
-24	8.466E+005	9.558E+005	1.076E+006
-23	8.038E+005	9.059E+005	1.018E+006
-22	7.633E+005	8.589E+005	9.640E+005
-21	7.252E+005	8.146E+005	9.128E+005
-20	6.892E+005	7.729E+005	8.646E+005
-19	6.552E+005	7.336E+005	8.193E+005
-18	6.231E+005	6.965E+005	7.766E+005
-17	5.928E+005	6.615E+005	7.364E+005
-16	5.641E+005	6.285E+005	6.985E+005
-15	5.370E+005	5.974E+005	6.628E+005
-14	5.114E+005	5.680E+005	6.292E+005
-13	4.871E+005	5.402E+005	5.975E+005
-12	4.642E+005	5.139E+005	5.675E+005
-11	4.424E+005	4.891E+005	5.393E+005
-10	4.218E+005	4.656E+005	5.126E+005
-9	4.023E+005	4.433E+005	4.873E+005
-8	3.838E+005	4.223E+005	4.635E+005
-7	3.662E+005	4.024E+005	4.410E+005
-6	3.496E+005	3.836E+005	4.197E+005
-5	3.339E+005	3.657E+005	3.996E+005
-4	3.189E+005	3.488E+005	3.806E+005
-3	3.047E+005	3.328E+005	3.626E+005
-2	2.912E+005	3.176E+005	3.456E+005
-1	2.785E+005	3.033E+005	3.294E+005
0	2.663E+005	2.896E+005	3.142E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.663E+005	2.896E+005	3.142E+005
1	2.548E+005	2.767E+005	2.997E+005
2	2.438E+005	2.644E+005	2.860E+005
3	2.334E+005	2.527E+005	2.730E+005
4	2.234E+005	2.416E+005	2.607E+005
5	2.140E+005	2.311E+005	2.490E+005
6	2.050E+005	2.211E+005	2.378E+005
7	1.964E+005	2.116E+005	2.273E+005
8	1.883E+005	2.025E+005	2.173E+005
9	1.805E+005	1.939E+005	2.077E+005
10	1.731E+005	1.857E+005	1.987E+005
11	1.660E+005	1.779E+005	1.901E+005
12	1.593E+005	1.704E+005	1.819E+005
13	1.529E+005	1.633E+005	1.741E+005
14	1.467E+005	1.566E+005	1.667E+005
15	1.409E+005	1.502E+005	1.596E+005
16	1.353E+005	1.440E+005	1.529E+005
17	1.300E+005	1.382E+005	1.465E+005
18	1.249E+005	1.326E+005	1.404E+005
19	1.200E+005	1.273E+005	1.346E+005
20	1.154E+005	1.222E+005	1.291E+005
21	1.109E+005	1.173E+005	1.238E+005
22	1.067E+005	1.127E+005	1.188E+005
23	1.026E+005	1.083E+005	1.140E+005
24	9.872E+004	1.040E+005	1.094E+005
25	9.500E+004	1.000E+005	1.050E+005
26	9.123E+004	9.614E+004	1.011E+005
27	8.762E+004	9.245E+004	9.731E+004
28	8.418E+004	8.893E+004	9.371E+004
29	8.089E+004	8.555E+004	9.026E+004
30	7.775E+004	8.233E+004	8.695E+004
31	7.475E+004	7.924E+004	8.379E+004
32	7.188E+004	7.629E+004	8.076E+004
33	6.914E+004	7.346E+004	7.786E+004
34	6.652E+004	7.075E+004	7.507E+004
35	6.401E+004	6.816E+004	7.240E+004
36	6.161E+004	6.568E+004	6.984E+004
37	5.931E+004	6.330E+004	6.738E+004
38	5.711E+004	6.102E+004	6.503E+004
39	5.500E+004	5.883E+004	6.277E+004
40	5.299E+004	5.673E+004	6.060E+004

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TYPE	TN05-3L104J [R,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	5 %
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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.299E+004	5.673E+004	6.060E+004
41	5.105E+004	5.472E+004	5.851E+004
42	4.920E+004	5.280E+004	5.651E+004
43	4.743E+004	5.095E+004	5.459E+004
44	4.573E+004	4.917E+004	5.274E+004
45	4.409E+004	4.747E+004	5.097E+004
46	4.253E+004	4.583E+004	4.926E+004
47	4.103E+004	4.426E+004	4.762E+004
48	3.959E+004	4.275E+004	4.605E+004
49	3.821E+004	4.130E+004	4.453E+004
50	3.688E+004	3.991E+004	4.308E+004
51	3.561E+004	3.857E+004	4.168E+004
52	3.439E+004	3.729E+004	4.033E+004
53	3.322E+004	3.605E+004	3.903E+004
54	3.209E+004	3.486E+004	3.778E+004
55	3.101E+004	3.372E+004	3.658E+004
56	2.997E+004	3.262E+004	3.542E+004
57	2.897E+004	3.156E+004	3.430E+004
58	2.800E+004	3.054E+004	3.323E+004
59	2.708E+004	2.956E+004	3.219E+004
60	2.619E+004	2.861E+004	3.119E+004
61	2.533E+004	2.770E+004	3.022E+004
62	2.450E+004	2.682E+004	2.929E+004
63	2.370E+004	2.598E+004	2.840E+004
64	2.294E+004	2.516E+004	2.753E+004
65	2.220E+004	2.438E+004	2.670E+004
66	2.149E+004	2.362E+004	2.589E+004
67	2.081E+004	2.289E+004	2.511E+004
68	2.015E+004	2.219E+004	2.437E+004
69	1.952E+004	2.151E+004	2.364E+004
70	1.891E+004	2.085E+004	2.294E+004
71	1.832E+004	2.023E+004	2.227E+004
72	1.775E+004	1.962E+004	2.162E+004
73	1.721E+004	1.903E+004	2.100E+004
74	1.668E+004	1.847E+004	2.039E+004
75	1.618E+004	1.792E+004	1.980E+004
76	1.569E+004	1.739E+004	1.924E+004
77	1.521E+004	1.688E+004	1.869E+004
78	1.476E+004	1.639E+004	1.816E+004
79	1.432E+004	1.592E+004	1.765E+004
80	1.389E+004	1.546E+004	1.716E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.389E+004	1.546E+004	1.716E+004
81	1.349E+004	1.502E+004	1.668E+004
82	1.309E+004	1.459E+004	1.622E+004
83	1.271E+004	1.418E+004	1.578E+004
84	1.234E+004	1.378E+004	1.534E+004
85	1.198E+004	1.339E+004	1.493E+004
86	1.164E+004	1.302E+004	1.452E+004
87	1.131E+004	1.265E+004	1.413E+004
88	1.099E+004	1.230E+004	1.375E+004
89	1.067E+004	1.197E+004	1.338E+004
90	1.037E+004	1.164E+004	1.302E+004
91	1.008E+004	1.132E+004	1.268E+004
92	9.798E+003	1.101E+004	1.234E+004
93	9.525E+003	1.071E+004	1.202E+004
94	9.261E+003	1.042E+004	1.170E+004
95	9.005E+003	1.014E+004	1.140E+004
96	8.757E+003	9.872E+003	1.110E+004
97	8.518E+003	9.609E+003	1.081E+004
98	8.285E+003	9.354E+003	1.053E+004
99	8.060E+003	9.107E+003	1.026E+004
100	7.842E+003	8.867E+003	1.000E+004
101	7.629E+003	8.633E+003	9.745E+003
102	7.423E+003	8.406E+003	9.496E+003
103	7.223E+003	8.186E+003	9.254E+003
104	7.030E+003	7.974E+003	9.021E+003
105	6.843E+003	7.767E+003	8.794E+003
106	6.663E+003	7.568E+003	8.575E+003
107	6.488E+003	7.375E+003	8.362E+003
108	6.318E+003	7.187E+003	8.155E+003
109	6.154E+003	7.006E+003	7.955E+003
110	5.995E+003	6.830E+003	7.761E+003
111	5.842E+003	6.660E+003	7.574E+003
112	5.694E+003	6.496E+003	7.392E+003
113	5.550E+003	6.336E+003	7.215E+003
114	5.410E+003	6.181E+003	7.044E+003
115	5.275E+003	6.030E+003	6.877E+003
116	5.143E+003	5.884E+003	6.715E+003
117	5.016E+003	5.742E+003	6.558E+003
118	4.892E+003	5.605E+003	6.405E+003
119	4.772E+003	5.471E+003	6.256E+003
120	4.655E+003	5.341E+003	6.112E+003
121	4.542E+003	5.214E+003	5.971E+003
122	4.432E+003	5.092E+003	5.835E+003
123	4.325E+003	4.972E+003	5.702E+003
124	4.222E+003	4.856E+003	5.573E+003
125	4.121E+003	4.744E+003	5.447E+003