NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-2D300J [T,B]

RESISTANCE(at25℃)	30 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2150 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.953E+002	2.184E+002	2.436E+002
-39	1.882E+002	2.102E+002	2.341E+002
-38	1.814E+002	2.023E+002	2.251E+002
-37	1.749E+002	1.949E+002	2.166E+002
-36	1.687E+002	1.877E+002	2.084E+002
-35	1.627E+002	1.809E+002	2.005E+002
-34	1.570E+002	1.743E+002	1.931E+002
-33	1.515E+002	1.681E+002	1.859E+002
-32	1.463E+002	1.621E+002	1.791E+002
-31	1.413E+002	1.564E+002	1.726E+002
-30	1.365E+002	1.509E+002	1.664E+002
-29	1.319E+002	1.456E+002	1.604E+002
-28	1.275E+002	1.406E+002	1.547E+002
-27	1.232E+002	1.358E+002	1.493E+002
-26	1.192E+002	1.312E+002	1.440E+002
-25	1.153E+002	1.268E+002	1.390E+002
-24	1.115E+002	1.225E+002	1.342E+002
-23	1.079E+002	1.184E+002	1.296E+002
-22	1.045E+002	1.145E+002	1.252E+002
-21	1.011E+002	1.107E+002	1.210E+002
-20	9.794E+001	1.071E+002	1.169E+002
-19	9.486E+001	1.037E+002	1.130E+002
-18	9.189E+001	1.003E+002	1.092E+002
-17	8.904E+001	9.711E+001	1.056E+002
-16	8.630E+001	9.403E+001	1.022E+002
-15	8.366E+001	9.106E+001	9.887E+001
-14	8.112E+001	8.821E+001	9.569E+001
-13	7.867E+001	8.547E+001	9.263E+001
-12	7.632E+001	8.284E+001	8.969E+001
-11	7.405E+001	8.030E+001	8.686E+001
-10	7.187E+001	7.786E+001	8.414E+001
-9	6.977E+001	7.552E+001	8.153E+001
-8	6.774E+001	7.326E+001	7.902E+001
-7	6.579E+001	7.108E+001	7.660E+001
-6	6.391E+001	6.898E+001	7.427E+001
-5	6.209E+001	6.696E+001	7.203E+001
-4	6.034E+001	6.501E+001	6.987E+001
-3	5.864E+001	6.313E+001	6.779E+001
-2	5.701E+001	6.132E+001	6.579E+001
-1	5.543E+001	5.957E+001	6.385E+001
0	5.391E+001	5.788E+001	6.199E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	5.391E+001	5.788E+001	6.199E+001
1	5.244E+001	5.626E+001	6.020E+001
2	5.102E+001	5.468E+001	5.847E+001
3	4.965E+001	5.317E+001	5.680E+001
4	4.832E+001	5.170E+001	5.519E+001
5	4.704E+001	5.029E+001	5.363E+001
6	4.580E+001	4.892E+001	5.213E+001
7	4.460E+001	4.760E+001	5.068E+001
8	4.344E+001	4.633E+001	4.928E+001
9	4.232E+001	4.509E+001	4.793E+001
10	4.123E+001	4.390E+001	4.663E+001
11	4.018E+001	4.275E+001	4.537E+001
12	3.917E+001	4.164E+001	4.415E+001
13	3.818E+001	4.056E+001	4.297E+001
14	3.723E+001	3.951E+001	4.183E+001
15	3.630E+001	3.850E+001	4.073E+001
16	3.541E+001	3.753E+001	3.967E+001
17	3.454E+001	3.658E+001	3.864E+001
18	3.370E+001	3.566E+001	3.764E+001
19	3.289E+001	3.478E+001	3.668E+001
20	3.210E+001	3.392E+001	3.574E+001
21	3.134E+001	3.308E+001	3.484E+001
22	3.060E+001	3.228E+001	3.396E+001
23	2.988E+001	3.149E+001	3.312E+001
24	2.918E+001	3.074E+001	3.230E+001
25	2.850E+001	3.000E+001	3.150E+001
26	2.780E+001	2.929E+001	3.077E+001
27	2.713E+001	2.859E+001	3.007E+001
28	2.647E+001	2.792E+001	2.938E+001
29	2.583E+001	2.727E+001	2.872E+001
30	2.522E+001	2.664E+001	2.807E+001
31	2.462E+001	2.603E+001	2.744E+001
32	2.404E+001	2.543E+001	2.684E+001
33	2.348E+001	2.485E+001	2.624E+001
34	2.293E+001	2.429E+001	2.567E+001
35	2.240E+001	2.375E+001	2.511E+001
36	2.189E+001	2.322E+001	2.456E+001
37	2.139E+001	2.270E+001	2.404E+001
38	2.090E+001	2.220E+001	2.352E+001
39	2.043E+001	2.171E+001	2.302E+001
40	1.997E+001	2.124E+001	2.254E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.997E+001	2.124E+001	2.254E+001
41	1.953E+001	2.078E+001	2.206E+001
42	1.909E+001	2.034E+001	2.160E+001
43	1.867E+001	1.990E+001	2.116E+001
44	1.827E+001	1.948E+001	2.072E+001
45	1.787E+001	1.907E+001	2.030E+001
46	1.748E+001	1.867E+001	1.988E+001
47	1.711E+001	1.828E+001	1.948E+001
48	1.674E+001	1.790E+001	1.909E+001
49	1.639E+001	1.753E+001	1.871E+001
50	1.604E+001	1.717E+001	1.834E+001
51	1.571E+001	1.682E+001	1.797E+001
52	1.538E+001	1.648E+001	1.762E+001
53	1.506E+001	1.615E+001	1.728E+001
54	1.475E+001	1.583E+001	1.694E+001
55	1.445E+001	1.551E+001	1.661E+001
56	1.415E+001	1.521E+001	1.629E+001
57	1.387E+001	1.491E+001	1.598E+001
58	1.359E+001	1.462E+001	1.568E+001
59	1.332E+001	1.433E+001	1.538E+001
60	1.305E+001	1.405E+001	1.510E+001
61	1.279E+001	1.378E+001	1.481E+001
62	1.254E+001	1.352E+001	1.454E+001
63	1.230E+001	1.326E+001	1.427E+001
64	1.206E+001	1.301E+001	1.401E+001
65	1.182E+001	1.277E+001	1.375E+001
66	1.160E+001	1.253E+001	1.350E+001
67	1.137E+001	1.230E+001	1.326E+001
68	1.116E+001	1.207E+001	1.302E+001
69	1.095E+001	1.185E+001	1.279E+001
70	1.074E+001	1.163E+001	1.257E+001
71	1.054E+001	1.142E+001	1.234E+001
72	1.035E+001	1.122E+001	1.213E+001
73	1.015E+001	1.101E+001	1.192E+001
74	9.968E+000	1.082E+001	1.171E+001
75	9.786E+000	1.063E+001	1.151E+001
76	9.609E+000	1.044E+001	1.131E+001
77	9.435E+000	1.026E+001	1.112E+001
78	9.266E+000	1.008E+001	1.093E+001
79	9.101E+000	9.903E+000	1.075E+001
80	8.940E+000	9.733E+000	1.057E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	8.940E+000	9.733E+000	1.057E+001
81	8.783E+000	9.567E+000	1.039E+001
82	8.629E+000	9.404E+000	1.022E+001
83	8.479E+000	9.245E+000	1.006E+001
84	8.332E+000	9.090E+000	9.892E+000
85	8.189E+000	8.938E+000	9.731E+000
86	8.049E+000	8.790E+000	9.575E+000
87	7.912E+000	8.644E+000	9.421E+000
88	7.778E+000	8.502E+000	9.271E+000
89	7.647E+000	8.363E+000	9.124E+000
90	7.519E+000	8.227E+000	8.980E+000
91	7.394E+000	8.094E+000	8.839E+000
92	7.272E+000	7.964E+000	8.701E+000
93	7.152E+000	7.837E+000	8.566E+000
94	7.035E+000	7.712E+000	8.434E+000
95	6.920E+000	7.590E+000	8.305E+000
96	6.808E+000	7.471E+000	8.178E+000
97	6.698E+000	7.354E+000	8.054E+000
98	6.591E+000	7.240E+000	7.932E+000
99	6.486E+000	7.128E+000	7.813E+000
100	6.383E+000	7.018E+000	7.696E+000
101	6.283E+000	6.910E+000	7.582E+000
102	6.184E+000	6.805E+000	7.470E+000
103	6.087E+000	6.702E+000	7.360E+000
104	5.993E+000	6.601E+000	7.252E+000
105	5.900E+000	6.502E+000	7.147E+000
106	5.810E+000	6.405E+000	7.043E+000
107	5.721E+000	6.310E+000	6.942E+000
108	5.634E+000	6.217E+000	6.842E+000
109	5.549E+000	6.125E+000	6.745E+000
110	5.465E+000	6.036E+000	6.649E+000
111	5.384E+000	5.948E+000	6.555E+000
112	5.303E+000	5.862E+000	6.464E+000
113	5.225E+000	5.778E+000	6.373E+000
114	5.148E+000	5.695E+000	6.285E+000
115	5.072E+000	5.614E+000	6.198E+000
116	4.998E+000	5.535E+000	6.113E+000
117	4.926E+000	5.457E+000	6.029E+000
118	4.855E+000	5.380E+000	5.947E+000
119	4.785E+000	5.305E+000	5.867E+000
120	4.717E+000	5.231E+000	5.788E+000
121	4.650E+000	5.159E+000	5.710E+000
122	4.584E+000	5.088E+000	5.634E+000
123	4.519E+000	5.019E+000	5.559E+000
124	4.456E+000	4.950E+000	5.486E+000
125	4.394E+000	4.883E+000	5.414E+000