NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3K473J [T,B]

RESISTANCE(at25℃)	47000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3500 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	9.474E+005	1.100E+006	1.274E+006
-39	8.938E+005	1.036E+006	1.198E+006
-38	8.437E+005	9.760E+005	1.126E+006
-37	7.967E+005	9.199E+005	1.059E+006
-36	7.526E+005	8.674E+005	9.971E+005
-35	7.113E+005	8.182E+005	9.389E+005
-34	6.726E+005	7.722E+005	8.844E+005
-33	6.362E+005	7.291E+005	8.335E+005
-32	6.020E+005	6.887E+005	7.859E+005
-31	5.699E+005	6.508E+005	7.413E+005
-30	5.397E+005	6.153E+005	6.996E+005
-29	5.114E+005	5.819E+005	6.605E+005
-28	4.847E+005	5.506E+005	6.239E+005
-27	4.596E+005	5.212E+005	5.895E+005
-26	4.360E+005	4.935E+005	5.572E+005
-25	4.137E+005	4.675E+005	5.270E+005
-24	3.927E+005	4.430E+005	4.985E+005
-23	3.729E+005	4.200E+005	4.718E+005
-22	3.542E+005	3.983E+005	4.467E+005
-21	3.366E+005	3.778E+005	4.230E+005
-20	3.199E+005	3.585E+005	4.008E+005
-19	3.042E+005	3.404E+005	3.798E+005
-18	2.894E+005	3.232E+005	3.601E+005
-17	2.753E+005	3.070E+005	3.416E+005
-16	2.621E+005	2.918E+005	3.241E+005
-15	2.495E+005	2.774E+005	3.076E+005
-14	2.377E+005	2.638E+005	2.921E+005
-13	2.265E+005	2.510E+005	2.774E+005
-12	2.158E+005	2.388E+005	2.636E+005
-11	2.058E+005	2.273E+005	2.505E+005
-10	1.963E+005	2.165E+005	2.382E+005
-9	1.872E+005	2.062E+005	2.266E+005
-8	1.787E+005	1.965E+005	2.156E+005
-7	1.706E+005	1.873E+005	2.052E+005
-6	1.629E+005	1.786E+005	1.954E+005
-5	1.556E+005	1.704E+005	1.861E+005
-4	1.487E+005	1.626E+005	1.773E+005
-3	1.421E+005	1.551E+005	1.690E+005
-2	1.359E+005	1.481E+005	1.611E+005
-1	1.299E+005	1.414E+005	1.536E+005
0	1.243E+005	1.351E+005	1.465E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.243E+005	1.351E+005	1.465E+005
1	1.189E+005	1.291E+005	1.398E+005
2	1.138E+005	1.234E+005	1.335E+005
3	1.090E+005	1.180E+005	1.274E+005
4	1.044E+005	1.128E+005	1.217E+005
5	9.999E+004	1.080E+005	1.163E+005
6	9.581E+004	1.033E+005	1.111E+005
7	9.183E+004	9.888E+004	1.062E+005
8	8.804E+004	9.467E+004	1.015E+005
9	8.443E+004	9.067E+004	9.712E+004
10	8.098E+004	8.685E+004	9.291E+004
11	7.770E+004	8.322E+004	8.892E+004
12	7.457E+004	7.977E+004	8.511E+004
13	7.159E+004	7.647E+004	8.149E+004
14	6.873E+004	7.333E+004	7.805E+004
15	6.601E+004	7.034E+004	7.477E+004
16	6.341E+004	6.749E+004	7.164E+004
17	6.093E+004	6.477E+004	6.867E+004
18	5.856E+004	6.217E+004	6.583E+004
19	5.630E+004	5.969E+004	6.313E+004
20	5.413E+004	5.732E+004	6.055E+004
21	5.206E+004	5.506E+004	5.810E+004
22	5.008E+004	5.291E+004	5.575E+004
23	4.819E+004	5.085E+004	5.352E+004
24	4.638E+004	4.888E+004	5.138E+004
25	4.465E+004	4.700E+004	4.935E+004
26	4.289E+004	4.520E+004	4.752E+004
27	4.121E+004	4.349E+004	4.577E+004
28	3.961E+004	4.184E+004	4.409E+004
29	3.808E+004	4.027E+004	4.248E+004
30	3.662E+004	3.877E+004	4.094E+004
31	3.522E+004	3.733E+004	3.947E+004
32	3.388E+004	3.595E+004	3.805E+004
33	3.260E+004	3.463E+004	3.670E+004
34	3.137E+004	3.337E+004	3.540E+004
35	3.020E+004	3.216E+004	3.415E+004
36	2.908E+004	3.100E+004	3.296E+004
37	2.801E+004	2.989E+004	3.181E+004
38	2.698E+004	2.882E+004	3.071E+004
39	2.600E+004	2.780E+004	2.965E+004
40	2.505E+004	2.682E+004	2.864E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.505E+004	2.682E+004	2.864E+004
41	2.415E+004	2.588E+004	2.767E+004
42	2.329E+004	2.498E+004	2.673E+004
43	2.246E+004	2.412E+004	2.584E+004
44	2.166E+004	2.329E+004	2.497E+004
45	2.090E+004	2.249E+004	2.414E+004
46	2.017E+004	2.173E+004	2.335E+004
47	1.947E+004	2.099E+004	2.258E+004
48	1.879E+004	2.029E+004	2.184E+004
49	1.814E+004	1.961E+004	2.113E+004
50	1.752E+004	1.895E+004	2.045E+004
51	1.692E+004	1.832E+004	1.979E+004
52	1.635E+004	1.772E+004	1.916E+004
53	1.580E+004	1.714E+004	1.855E+004
54	1.527E+004	1.658E+004	1.796E+004
55	1.475E+004	1.604E+004	1.739E+004
56	1.426E+004	1.552E+004	1.685E+004
57	1.379E+004	1.502E+004	1.632E+004
58	1.334E+004	1.454E+004	1.582E+004
59	1.290E+004	1.408E+004	1.533E+004
60	1.248E+004	1.363E+004	1.486E+004
61	1.208E+004	1.321E+004	1.440E+004
62	1.169E+004	1.279E+004	1.396E+004
63	1.131E+004	1.239E+004	1.354E+004
64	1.095E+004	1.201E+004	1.313E+004
65	1.061E+004	1.164E+004	1.274E+004
66	1.027E+004	1.128E+004	1.236E+004
67	9.950E+003	1.094E+004	1.200E+004
68	9.640E+003	1.061E+004	1.164E+004
69	9.341E+003	1.029E+004	1.130E+004
70	9.053E+003	9.980E+003	1.097E+004
71	8.778E+003	9.685E+003	1.066E+004
72	8.512E+003	9.400E+003	1.035E+004
73	8.255E+003	9.124E+003	1.006E+004
74	8.007E+003	8.858E+003	9.775E+003
75	7.768E+003	8.601E+003	9.499E+003
76	7.536E+003	8.352E+003	9.232E+003
77	7.313E+003	8.111E+003	8.974E+003
78	7.097E+003	7.878E+003	8.724E+003
79	6.888E+003	7.653E+003	8.482E+003
80	6.686E+003	7.435E+003	8.247E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	6.686E+003	7.435E+003	8.247E+003
81	6.490E+003	7.223E+003	8.019E+003
82	6.301E+003	7.018E+003	7.797E+003
83	6.118E+003	6.820E+003	7.584E+003
84	5.941E+003	6.628E+003	7.376E+003
85	5.770E+003	6.443E+003	7.176E+003
86	5.605E+003	6.263E+003	6.982E+003
87	5.445E+003	6.090E+003	6.794E+003
88	5.291E+003	5.922E+003	6.612E+003
89	5.141E+003	5.759E+003	6.436E+003
90	4.997E+003	5.602E+003	6.265E+003
91	4.857E+003	5.450E+003	6.100E+003
92	4.722E+003	5.302E+003	5.939E+003
93	4.591E+003	5.160E+003	5.784E+003
94	4.465E+003	5.021E+003	5.633E+003
95	4.342E+003	4.887E+003	5.487E+003
96	4.224E+003	4.758E+003	5.346E+003
97	4.109E+003	4.632E+003	5.209E+003
98	3.998E+003	4.511E+003	5.076E+003
99	3.891E+003	4.393E+003	4.947E+003
100	3.787E+003	4.279E+003	4.822E+003
101	3.687E+003	4.168E+003	4.701E+003
102	3.589E+003	4.062E+003	4.584E+003
103	3.495E+003	3.958E+003	4.471E+003
104	3.404E+003	3.857E+003	4.360E+003
105	3.315E+003	3.759E+003	4.253E+003
106	3.229E+003	3.665E+003	4.149E+003
107	3.146E+003	3.573E+003	4.047E+003
108	3.065E+003	3.483E+003	3.949E+003
109	2.986E+003	3.396E+003	3.853E+003
110	2.910E+003	3.312E+003	3.760E+003
111	2.836E+003	3.230E+003	3.669E+003
112	2.764E+003	3.150E+003	3.581E+003
113	2.694E+003	3.072E+003	3.496E+003
114	2.626E+003	2.997E+003	3.412E+003
115	2.560E+003	2.924E+003	3.332E+003
116	2.496E+003	2.853E+003	3.253E+003
117	2.434E+003	2.784E+003	3.177E+003
118	2.374E+003	2.717E+003	3.102E+003
119	2.315E+003	2.652E+003	3.030E+003
120	2.259E+003	2.589E+003	2.960E+003
121	2.203E+003	2.527E+003	2.891E+003
122	2.150E+003	2.467E+003	2.825E+003
123	2.098E+003	2.409E+003	2.760E+003
124	2.047E+003	2.353E+003	2.697E+003
125	1.998E+003	2.298E+003	2.635E+003