NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3K222J [T,B]

RESISTANCE(at25℃)	2200 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3500 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	4.784E+004	5.555E+004	6.434E+004
-39	4.504E+004	5.220E+004	6.035E+004
-38	4.243E+004	4.908E+004	5.663E+004
-37	3.998E+004	4.616E+004	5.317E+004
-36	3.770E+004	4.344E+004	4.994E+004
-35	3.556E+004	4.090E+004	4.693E+004
-34	3.355E+004	3.853E+004	4.412E+004
-33	3.168E+004	3.631E+004	4.150E+004
-32	2.992E+004	3.423E+004	3.906E+004
-31	2.827E+004	3.228E+004	3.677E+004
-30	2.672E+004	3.046E+004	3.464E+004
-29	2.527E+004	2.876E+004	3.264E+004
-28	2.391E+004	2.716E+004	3.077E+004
-27	2.263E+004	2.566E+004	2.902E+004
-26	2.143E+004	2.425E+004	2.739E+004
-25	2.030E+004	2.293E+004	2.585E+004
-24	1.923E+004	2.170E+004	2.441E+004
-23	1.823E+004	2.053E+004	2.307E+004
-22	1.729E+004	1.944E+004	2.180E+004
-21	1.640E+004	1.841E+004	2.062E+004
-20	1.557E+004	1.745E+004	1.950E+004
-19	1.478E+004	1.654E+004	1.845E+004
-18	1.404E+004	1.568E+004	1.747E+004
-17	1.334E+004	1.487E+004	1.655E+004
-16	1.268E+004	1.412E+004	1.568E+004
-15	1.205E+004	1.340E+004	1.486E+004
-14	1.147E+004	1.273E+004	1.409E+004
-13	1.091E+004	1.209E+004	1.336E+004
-12	1.038E+004	1.149E+004	1.268E+004
-11	9.888E+003	1.092E+004	1.204E+004
-10	9.419E+003	1.039E+004	1.143E+004
-9	8.975E+003	9.886E+003	1.086E+004
-8	8.555E+003	9.409E+003	1.032E+004
-7	8.158E+003	8.959E+003	9.813E+003
-6	7.781E+003	8.533E+003	9.333E+003
-5	7.425E+003	8.130E+003	8.879E+003
-4	7.087E+003	7.748E+003	8.450E+003
-3	6.766E+003	7.387E+003	8.045E+003
-2	6.462E+003	7.045E+003	7.662E+003
-1	6.174E+003	6.721E+003	7.299E+003
0	5.901E+003	6.415E+003	6.956E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	5.901E+003	6.415E+003	6.956E+003
1	5.641E+003	6.124E+003	6.631E+003
2	5.394E+003	5.848E+003	6.323E+003
3	5.160E+003	5.586E+003	6.032E+003
4	4.937E+003	5.338E+003	5.756E+003
5	4.726E+003	5.102E+003	5.495E+003
6	4.525E+003	4.878E+003	5.247E+003
7	4.333E+003	4.666E+003	5.011E+003
8	4.152E+003	4.464E+003	4.788E+003
9	3.979E+003	4.272E+003	4.576E+003
10	3.814E+003	4.090E+003	4.375E+003
11	3.657E+003	3.917E+003	4.185E+003
12	3.507E+003	3.752E+003	4.003E+003
13	3.365E+003	3.595E+003	3.831E+003
14	3.229E+003	3.446E+003	3.667E+003
15	3.100E+003	3.303E+003	3.511E+003
16	2.977E+003	3.168E+003	3.363E+003
17	2.859E+003	3.039E+003	3.222E+003
18	2.747E+003	2.916E+003	3.088E+003
19	2.639E+003	2.799E+003	2.960E+003
20	2.537E+003	2.687E+003	2.838E+003
21	2.439E+003	2.580E+003	2.722E+003
22	2.346E+003	2.478E+003	2.612E+003
23	2.257E+003	2.381E+003	2.506E+003
24	2.172E+003	2.289E+003	2.406E+003
25	2.090E+003	2.200E+003	2.310E+003
26	2.007E+003	2.115E+003	2.224E+003
27	1.928E+003	2.035E+003	2.141E+003
28	1.853E+003	1.957E+003	2.062E+003
29	1.781E+003	1.884E+003	1.987E+003
30	1.712E+003	1.813E+003	1.915E+003
31	1.647E+003	1.745E+003	1.845E+003
32	1.584E+003	1.681E+003	1.779E+003
33	1.524E+003	1.619E+003	1.716E+003
34	1.467E+003	1.560E+003	1.655E+003
35	1.412E+003	1.503E+003	1.596E+003
36	1.359E+003	1.449E+003	1.541E+003
37	1.309E+003	1.397E+003	1.487E+003
38	1.261E+003	1.347E+003	1.436E+003
39	1.215E+003	1.299E+003	1.386E+003
40	1.171E+003	1.254E+003	1.339E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.171E+003	1.254E+003	1.339E+003
41	1.129E+003	1.210E+003	1.293E+003
42	1.089E+003	1.168E+003	1.250E+003
43	1.050E+003	1.128E+003	1.208E+003
44	1.013E+003	1.089E+003	1.168E+003
45	9.773E+002	1.052E+003	1.129E+003
46	9.432E+002	1.016E+003	1.092E+003
47	9.105E+002	9.819E+002	1.056E+003
48	8.792E+002	9.491E+002	1.022E+003
49	8.491E+002	9.175E+002	9.890E+002
50	8.202E+002	8.872E+002	9.573E+002
51	7.924E+002	8.580E+002	9.267E+002
52	7.658E+002	8.300E+002	8.973E+002
53	7.402E+002	8.030E+002	8.691E+002
54	7.156E+002	7.771E+002	8.418E+002
55	6.919E+002	7.522E+002	8.156E+002
56	6.692E+002	7.282E+002	7.904E+002
57	6.474E+002	7.051E+002	7.661E+002
58	6.264E+002	6.829E+002	7.427E+002
59	6.062E+002	6.615E+002	7.201E+002
60	5.868E+002	6.409E+002	6.984E+002
61	5.681E+002	6.211E+002	6.774E+002
62	5.501E+002	6.021E+002	6.572E+002
63	5.328E+002	5.837E+002	6.377E+002
64	5.162E+002	5.659E+002	6.189E+002
65	5.001E+002	5.489E+002	6.008E+002
66	4.847E+002	5.324E+002	5.833E+002
67	4.698E+002	5.165E+002	5.664E+002
68	4.554E+002	5.012E+002	5.501E+002
69	4.416E+002	4.864E+002	5.344E+002
70	4.283E+002	4.721E+002	5.191E+002
71	4.154E+002	4.583E+002	5.044E+002
72	4.030E+002	4.450E+002	4.902E+002
73	3.910E+002	4.322E+002	4.765E+002
74	3.794E+002	4.198E+002	4.632E+002
75	3.683E+002	4.078E+002	4.504E+002
76	3.575E+002	3.962E+002	4.380E+002
77	3.471E+002	3.850E+002	4.260E+002
78	3.371E+002	3.742E+002	4.144E+002
79	3.274E+002	3.638E+002	4.032E+002
80	3.181E+002	3.537E+002	3.923E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	3.181E+002	3.537E+002	3.923E+002
81	3.091E+002	3.440E+002	3.819E+002
82	3.004E+002	3.346E+002	3.717E+002
83	2.919E+002	3.254E+002	3.619E+002
84	2.838E+002	3.166E+002	3.524E+002
85	2.759E+002	3.081E+002	3.432E+002
86	2.683E+002	2.999E+002	3.343E+002
87	2.610E+002	2.919E+002	3.256E+002
88	2.539E+002	2.841E+002	3.173E+002
89	2.470E+002	2.767E+002	3.091E+002
90	2.403E+002	2.694E+002	3.013E+002
91	2.339E+002	2.624E+002	2.937E+002
92	2.276E+002	2.556E+002	2.863E+002
93	2.216E+002	2.490E+002	2.792E+002
94	2.158E+002	2.427E+002	2.722E+002
95	2.101E+002	2.365E+002	2.655E+002
96	2.046E+002	2.305E+002	2.590E+002
97	1.993E+002	2.247E+002	2.526E+002
98	1.942E+002	2.190E+002	2.465E+002
99	1.892E+002	2.136E+002	2.405E+002
100	1.843E+002	2.083E+002	2.347E+002
101	1.796E+002	2.031E+002	2.291E+002
102	1.751E+002	1.981E+002	2.236E+002
103	1.707E+002	1.932E+002	2.183E+002
104	1.664E+002	1.885E+002	2.131E+002
105	1.622E+002	1.840E+002	2.081E+002
106	1.582E+002	1.795E+002	2.032E+002
107	1.543E+002	1.752E+002	1.985E+002
108	1.505E+002	1.711E+002	1.939E+002
109	1.468E+002	1.670E+002	1.895E+002
110	1.433E+002	1.631E+002	1.851E+002
111	1.398E+002	1.593E+002	1.809E+002
112	1.365E+002	1.556E+002	1.769E+002
113	1.332E+002	1.520E+002	1.729E+002
114	1.301E+002	1.485E+002	1.690E+002
115	1.270E+002	1.451E+002	1.653E+002
116	1.240E+002	1.417E+002	1.616E+002
117	1.211E+002	1.385E+002	1.580E+002
118	1.183E+002	1.354E+002	1.546E+002
119	1.156E+002	1.324E+002	1.512E+002
120	1.129E+002	1.294E+002	1.479E+002
121	1.103E+002	1.265E+002	1.447E+002
122	1.078E+002	1.237E+002	1.416E+002
123	1.053E+002	1.210E+002	1.386E+002
124	1.030E+002	1.183E+002	1.356E+002
125	1.006E+002	1.157E+002	1.328E+002