NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-4C682J [T,B]

RESISTANCE(at25℃)	6800 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4100 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.835E+005	3.347E+005	3.943E+005
-39	2.634E+005	3.103E+005	3.647E+005
-38	2.448E+005	2.878E+005	3.376E+005
-37	2.278E+005	2.672E+005	3.126E+005
-36	2.120E+005	2.481E+005	2.897E+005
-35	1.974E+005	2.306E+005	2.686E+005
-34	1.840E+005	2.144E+005	2.493E+005
-33	1.715E+005	1.995E+005	2.314E+005
-32	1.600E+005	1.857E+005	2.150E+005
-31	1.494E+005	1.730E+005	1.998E+005
-30	1.395E+005	1.612E+005	1.859E+005
-29	1.304E+005	1.504E+005	1.730E+005
-28	1.220E+005	1.403E+005	1.611E+005
-27	1.141E+005	1.310E+005	1.501E+005
-26	1.068E+005	1.224E+005	1.399E+005
-25	1.000E+005	1.144E+005	1.305E+005
-24	9.370E+004	1.070E+005	1.218E+005
-23	8.782E+004	1.001E+005	1.137E+005
-22	8.236E+004	9.365E+004	1.062E+005
-21	7.726E+004	8.769E+004	9.927E+004
-20	7.252E+004	8.215E+004	9.282E+004
-19	6.809E+004	7.698E+004	8.681E+004
-18	6.396E+004	7.218E+004	8.124E+004
-17	6.011E+004	6.770E+004	7.607E+004
-16	5.652E+004	6.354E+004	7.125E+004
-15	5.317E+004	5.966E+004	6.678E+004
-14	5.004E+004	5.605E+004	6.262E+004
-13	4.711E+004	5.267E+004	5.874E+004
-12	4.438E+004	4.953E+004	5.513E+004
-11	4.182E+004	4.659E+004	5.177E+004
-10	3.943E+004	4.385E+004	4.864E+004
-9	3.719E+004	4.128E+004	4.571E+004
-8	3.509E+004	3.889E+004	4.298E+004
-7	3.313E+004	3.665E+004	4.044E+004
-6	3.129E+004	3.455E+004	3.806E+004
-5	2.956E+004	3.259E+004	3.584E+004
-4	2.795E+004	3.075E+004	3.376E+004
-3	2.643E+004	2.903E+004	3.182E+004
-2	2.500E+004	2.742E+004	3.000E+004
-1	2.366E+004	2.591E+004	2.830E+004
0	2.240E+004	2.449E+004	2.670E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.240E+004	2.449E+004	2.670E+004
1	2.122E+004	2.316E+004	2.521E+004
2	2.011E+004	2.191E+004	2.381E+004
3	1.906E+004	2.074E+004	2.250E+004
4	1.808E+004	1.964E+004	2.127E+004
5	1.715E+004	1.860E+004	2.012E+004
6	1.628E+004	1.762E+004	1.903E+004
7	1.545E+004	1.670E+004	1.801E+004
8	1.468E+004	1.584E+004	1.705E+004
9	1.395E+004	1.503E+004	1.615E+004
10	1.325E+004	1.426E+004	1.530E+004
11	1.260E+004	1.354E+004	1.451E+004
12	1.199E+004	1.286E+004	1.376E+004
13	1.140E+004	1.221E+004	1.305E+004
14	1.086E+004	1.161E+004	1.238E+004
15	1.034E+004	1.104E+004	1.176E+004
16	9.846E+003	1.050E+004	1.117E+004
17	9.382E+003	9.989E+003	1.061E+004
18	8.944E+003	9.508E+003	1.008E+004
19	8.528E+003	9.054E+003	9.587E+003
20	8.135E+003	8.624E+003	9.119E+003
21	7.763E+003	8.218E+003	8.677E+003
22	7.411E+003	7.834E+003	8.260E+003
23	7.077E+003	7.470E+003	7.865E+003
24	6.760E+003	7.126E+003	7.493E+003
25	6.460E+003	6.800E+003	7.140E+003
26	6.158E+003	6.491E+003	6.825E+003
27	5.873E+003	6.199E+003	6.527E+003
28	5.602E+003	5.921E+003	6.243E+003
29	5.346E+003	5.659E+003	5.974E+003
30	5.104E+003	5.409E+003	5.718E+003
31	4.874E+003	5.172E+003	5.475E+003
32	4.656E+003	4.947E+003	5.244E+003
33	4.449E+003	4.734E+003	5.024E+003
34	4.252E+003	4.531E+003	4.815E+003
35	4.066E+003	4.338E+003	4.616E+003
36	3.889E+003	4.154E+003	4.427E+003
37	3.721E+003	3.980E+003	4.246E+003
38	3.562E+003	3.814E+003	4.075E+003
39	3.410E+003	3.657E+003	3.911E+003
40	3.266E+003	3.507E+003	3.756E+003

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TYPE	TN20-4C682J [T,B]

RESISTANCE(at25℃)	6800 Ω	R-TOLERANCE(±)	5 %
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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.266E+003	3.507E+003	3.756E+003
41	3.130E+003	3.364E+003	3.608E+003
42	3.000E+003	3.229E+003	3.466E+003
43	2.876E+003	3.099E+003	3.332E+003
44	2.758E+003	2.976E+003	3.203E+003
45	2.646E+003	2.859E+003	3.080E+003
46	2.539E+003	2.746E+003	2.963E+003
47	2.437E+003	2.640E+003	2.851E+003
48	2.340E+003	2.537E+003	2.744E+003
49	2.248E+003	2.440E+003	2.642E+003
50	2.159E+003	2.347E+003	2.544E+003
51	2.075E+003	2.258E+003	2.450E+003
52	1.994E+003	2.172E+003	2.360E+003
53	1.917E+003	2.091E+003	2.275E+003
54	1.844E+003	2.013E+003	2.192E+003
55	1.774E+003	1.939E+003	2.114E+003
56	1.706E+003	1.867E+003	2.038E+003
57	1.642E+003	1.799E+003	1.966E+003
58	1.581E+003	1.734E+003	1.897E+003
59	1.523E+003	1.672E+003	1.831E+003
60	1.466E+003	1.612E+003	1.768E+003
61	1.413E+003	1.555E+003	1.707E+003
62	1.362E+003	1.500E+003	1.649E+003
63	1.313E+003	1.448E+003	1.593E+003
64	1.266E+003	1.397E+003	1.539E+003
65	1.221E+003	1.349E+003	1.488E+003
66	1.178E+003	1.303E+003	1.438E+003
67	1.136E+003	1.259E+003	1.391E+003
68	1.097E+003	1.216E+003	1.345E+003
69	1.059E+003	1.175E+003	1.301E+003
70	1.023E+003	1.136E+003	1.259E+003
71	9.877E+002	1.099E+003	1.219E+003
72	9.542E+002	1.062E+003	1.180E+003
73	9.221E+002	1.028E+003	1.143E+003
74	8.913E+002	9.944E+002	1.107E+003
75	8.616E+002	9.623E+002	1.072E+003
76	8.332E+002	9.315E+002	1.039E+003
77	8.058E+002	9.019E+002	1.007E+003
78	7.796E+002	8.733E+002	9.759E+002
79	7.543E+002	8.459E+002	9.461E+002
80	7.300E+002	8.194E+002	9.175E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	7.300E+002	8.194E+002	9.175E+002
81	7.066E+002	7.939E+002	8.898E+002
82	6.841E+002	7.694E+002	8.632E+002
83	6.625E+002	7.458E+002	8.375E+002
84	6.416E+002	7.230E+002	8.127E+002
85	6.216E+002	7.011E+002	7.889E+002
86	6.023E+002	6.800E+002	7.658E+002
87	5.837E+002	6.597E+002	7.436E+002
88	5.658E+002	6.400E+002	7.222E+002
89	5.486E+002	6.211E+002	7.015E+002
90	5.320E+002	6.029E+002	6.815E+002
91	5.160E+002	5.853E+002	6.623E+002
92	5.006E+002	5.683E+002	6.437E+002
93	4.857E+002	5.520E+002	6.257E+002
94	4.714E+002	5.362E+002	6.084E+002
95	4.575E+002	5.209E+002	5.916E+002
96	4.442E+002	5.062E+002	5.754E+002
97	4.313E+002	4.920E+002	5.597E+002
98	4.189E+002	4.782E+002	5.446E+002
99	4.069E+002	4.650E+002	5.300E+002
100	3.954E+002	4.521E+002	5.158E+002
101	3.842E+002	4.398E+002	5.021E+002
102	3.734E+002	4.278E+002	4.889E+002
103	3.630E+002	4.162E+002	4.761E+002
104	3.529E+002	4.050E+002	4.637E+002
105	3.432E+002	3.942E+002	4.517E+002
106	3.338E+002	3.837E+002	4.400E+002
107	3.247E+002	3.736E+002	4.288E+002
108	3.159E+002	3.638E+002	4.179E+002
109	3.074E+002	3.543E+002	4.073E+002
110	2.992E+002	3.451E+002	3.971E+002
111	2.913E+002	3.362E+002	3.872E+002
112	2.836E+002	3.276E+002	3.776E+002
113	2.761E+002	3.193E+002	3.683E+002
114	2.689E+002	3.112E+002	3.593E+002
115	2.619E+002	3.034E+002	3.506E+002
116	2.552E+002	2.958E+002	3.421E+002
117	2.487E+002	2.885E+002	3.339E+002
118	2.423E+002	2.814E+002	3.259E+002
119	2.362E+002	2.745E+002	3.181E+002
120	2.302E+002	2.678E+002	3.106E+002
121	2.245E+002	2.613E+002	3.033E+002
122	2.189E+002	2.550E+002	2.963E+002
123	2.135E+002	2.489E+002	2.894E+002
124	2.083E+002	2.430E+002	2.827E+002
125	2.032E+002	2.372E+002	2.763E+002