NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3V682J [T,B]

RESISTANCE(at25℃)	6800 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3900 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.244E+005	2.635E+005	3.086E+005
-39	2.094E+005	2.454E+005	2.869E+005
-38	1.956E+005	2.287E+005	2.668E+005
-37	1.828E+005	2.133E+005	2.483E+005
-36	1.709E+005	1.990E+005	2.312E+005
-35	1.599E+005	1.858E+005	2.154E+005
-34	1.497E+005	1.736E+005	2.008E+005
-33	1.402E+005	1.622E+005	1.873E+005
-32	1.314E+005	1.517E+005	1.748E+005
-31	1.231E+005	1.419E+005	1.632E+005
-30	1.155E+005	1.329E+005	1.525E+005
-29	1.084E+005	1.245E+005	1.425E+005
-28	1.018E+005	1.167E+005	1.333E+005
-27	9.564E+004	1.094E+005	1.248E+005
-26	8.989E+004	1.026E+005	1.168E+005
-25	8.453E+004	9.630E+004	1.094E+005
-24	7.952E+004	9.042E+004	1.026E+005
-23	7.484E+004	8.494E+004	9.616E+004
-22	7.046E+004	7.983E+004	9.020E+004
-21	6.638E+004	7.506E+004	8.466E+004
-20	6.255E+004	7.060E+004	7.949E+004
-19	5.897E+004	6.644E+004	7.466E+004
-18	5.562E+004	6.255E+004	7.017E+004
-17	5.248E+004	5.891E+004	6.597E+004
-16	4.954E+004	5.551E+004	6.205E+004
-15	4.678E+004	5.233E+004	5.840E+004
-14	4.420E+004	4.936E+004	5.498E+004
-13	4.178E+004	4.657E+004	5.178E+004
-12	3.950E+004	4.396E+004	4.880E+004
-11	3.737E+004	4.151E+004	4.600E+004
-10	3.536E+004	3.922E+004	4.339E+004
-9	3.348E+004	3.707E+004	4.094E+004
-8	3.171E+004	3.505E+004	3.865E+004
-7	3.005E+004	3.316E+004	3.650E+004
-6	2.848E+004	3.138E+004	3.448E+004
-5	2.701E+004	2.970E+004	3.259E+004
-4	2.562E+004	2.813E+004	3.081E+004
-3	2.431E+004	2.665E+004	2.914E+004
-2	2.308E+004	2.526E+004	2.758E+004
-1	2.191E+004	2.395E+004	2.611E+004
0	2.082E+004	2.272E+004	2.472E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.082E+004	2.272E+004	2.472E+004
1	1.978E+004	2.155E+004	2.342E+004
2	1.881E+004	2.046E+004	2.220E+004
3	1.789E+004	1.943E+004	2.104E+004
4	1.702E+004	1.845E+004	1.996E+004
5	1.619E+004	1.753E+004	1.894E+004
6	1.542E+004	1.667E+004	1.798E+004
7	1.468E+004	1.585E+004	1.707E+004
8	1.399E+004	1.508E+004	1.621E+004
9	1.333E+004	1.435E+004	1.541E+004
10	1.271E+004	1.366E+004	1.464E+004
11	1.212E+004	1.301E+004	1.393E+004
12	1.156E+004	1.239E+004	1.325E+004
13	1.104E+004	1.181E+004	1.261E+004
14	1.054E+004	1.126E+004	1.200E+004
15	1.006E+004	1.074E+004	1.143E+004
16	9.612E+003	1.024E+004	1.089E+004
17	9.185E+003	9.773E+003	1.037E+004
18	8.780E+003	9.330E+003	9.889E+003
19	8.396E+003	8.909E+003	9.430E+003
20	8.030E+003	8.510E+003	8.995E+003
21	7.684E+003	8.131E+003	8.584E+003
22	7.354E+003	7.772E+003	8.193E+003
23	7.041E+003	7.431E+003	7.824E+003
24	6.743E+003	7.108E+003	7.473E+003
25	6.460E+003	6.800E+003	7.140E+003
26	6.174E+003	6.508E+003	6.842E+003
27	5.903E+003	6.230E+003	6.559E+003
28	5.646E+003	5.966E+003	6.289E+003
29	5.401E+003	5.715E+003	6.032E+003
30	5.168E+003	5.476E+003	5.787E+003
31	4.948E+003	5.248E+003	5.554E+003
32	4.738E+003	5.032E+003	5.331E+003
33	4.538E+003	4.826E+003	5.119E+003
34	4.348E+003	4.629E+003	4.917E+003
35	4.167E+003	4.442E+003	4.724E+003
36	3.995E+003	4.264E+003	4.540E+003
37	3.831E+003	4.094E+003	4.364E+003
38	3.674E+003	3.932E+003	4.197E+003
39	3.526E+003	3.777E+003	4.036E+003
40	3.384E+003	3.629E+003	3.883E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.384E+003	3.629E+003	3.883E+003
41	3.248E+003	3.489E+003	3.737E+003
42	3.120E+003	3.354E+003	3.597E+003
43	2.997E+003	3.225E+003	3.463E+003
44	2.879E+003	3.103E+003	3.335E+003
45	2.767E+003	2.985E+003	3.213E+003
46	2.660E+003	2.873E+003	3.096E+003
47	2.558E+003	2.766E+003	2.984E+003
48	2.460E+003	2.664E+003	2.877E+003
49	2.367E+003	2.566E+003	2.774E+003
50	2.278E+003	2.472E+003	2.675E+003
51	2.193E+003	2.382E+003	2.581E+003
52	2.111E+003	2.296E+003	2.491E+003
53	2.033E+003	2.214E+003	2.404E+003
54	1.959E+003	2.135E+003	2.321E+003
55	1.888E+003	2.059E+003	2.241E+003
56	1.819E+003	1.987E+003	2.165E+003
57	1.754E+003	1.918E+003	2.092E+003
58	1.691E+003	1.851E+003	2.021E+003
59	1.631E+003	1.787E+003	1.954E+003
60	1.574E+003	1.726E+003	1.889E+003
61	1.518E+003	1.667E+003	1.826E+003
62	1.465E+003	1.611E+003	1.766E+003
63	1.415E+003	1.557E+003	1.709E+003
64	1.366E+003	1.505E+003	1.653E+003
65	1.319E+003	1.455E+003	1.600E+003
66	1.275E+003	1.407E+003	1.549E+003
67	1.232E+003	1.361E+003	1.500E+003
68	1.190E+003	1.317E+003	1.452E+003
69	1.151E+003	1.274E+003	1.407E+003
70	1.113E+003	1.233E+003	1.363E+003
71	1.076E+003	1.194E+003	1.321E+003
72	1.041E+003	1.156E+003	1.280E+003
73	1.007E+003	1.120E+003	1.241E+003
74	9.748E+002	1.085E+003	1.204E+003
75	9.435E+002	1.051E+003	1.167E+003
76	9.135E+002	1.018E+003	1.132E+003
77	8.846E+002	9.870E+002	1.099E+003
78	8.567E+002	9.568E+002	1.066E+003
79	8.299E+002	9.278E+002	1.035E+003
80	8.041E+002	8.997E+002	1.004E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	8.041E+002	8.997E+002	1.004E+003
81	7.792E+002	8.727E+002	9.750E+002
82	7.552E+002	8.466E+002	9.468E+002
83	7.321E+002	8.215E+002	9.195E+002
84	7.098E+002	7.972E+002	8.932E+002
85	6.884E+002	7.738E+002	8.677E+002
86	6.677E+002	7.513E+002	8.432E+002
87	6.477E+002	7.295E+002	8.195E+002
88	6.285E+002	7.084E+002	7.965E+002
89	6.099E+002	6.881E+002	7.744E+002
90	5.920E+002	6.685E+002	7.530E+002
91	5.746E+002	6.495E+002	7.322E+002
92	5.579E+002	6.311E+002	7.122E+002
93	5.418E+002	6.134E+002	6.928E+002
94	5.262E+002	5.963E+002	6.740E+002
95	5.112E+002	5.798E+002	6.559E+002
96	4.967E+002	5.638E+002	6.384E+002
97	4.826E+002	5.483E+002	6.214E+002
98	4.691E+002	5.334E+002	6.050E+002
99	4.560E+002	5.190E+002	5.891E+002
100	4.434E+002	5.050E+002	5.738E+002
101	4.312E+002	4.915E+002	5.589E+002
102	4.194E+002	4.785E+002	5.445E+002
103	4.079E+002	4.658E+002	5.306E+002
104	3.969E+002	4.536E+002	5.171E+002
105	3.862E+002	4.417E+002	5.040E+002
106	3.759E+002	4.303E+002	4.913E+002
107	3.659E+002	4.192E+002	4.790E+002
108	3.562E+002	4.084E+002	4.671E+002
109	3.468E+002	3.980E+002	4.555E+002
110	3.378E+002	3.879E+002	4.443E+002
111	3.290E+002	3.781E+002	4.335E+002
112	3.205E+002	3.686E+002	4.229E+002
113	3.123E+002	3.594E+002	4.127E+002
114	3.043E+002	3.505E+002	4.028E+002
115	2.965E+002	3.419E+002	3.932E+002
116	2.890E+002	3.335E+002	3.838E+002
117	2.818E+002	3.254E+002	3.748E+002
118	2.747E+002	3.175E+002	3.659E+002
119	2.679E+002	3.098E+002	3.574E+002
120	2.613E+002	3.024E+002	3.491E+002
121	2.549E+002	2.952E+002	3.410E+002
122	2.486E+002	2.882E+002	3.332E+002
123	2.426E+002	2.814E+002	3.256E+002
124	2.367E+002	2.748E+002	3.182E+002
125	2.310E+002	2.684E+002	3.110E+002