NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-3I152J [T,B]

RESISTANCE(at25℃)	1500 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3400 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.948E+004	3.414E+004	3.943E+004
-39	2.781E+004	3.215E+004	3.706E+004
-38	2.625E+004	3.029E+004	3.485E+004
-37	2.479E+004	2.855E+004	3.279E+004
-36	2.342E+004	2.692E+004	3.086E+004
-35	2.213E+004	2.540E+004	2.907E+004
-34	2.093E+004	2.397E+004	2.738E+004
-33	1.980E+004	2.263E+004	2.581E+004
-32	1.873E+004	2.138E+004	2.434E+004
-31	1.774E+004	2.021E+004	2.297E+004
-30	1.680E+004	1.911E+004	2.168E+004
-29	1.592E+004	1.808E+004	2.047E+004
-28	1.509E+004	1.711E+004	1.934E+004
-27	1.431E+004	1.620E+004	1.828E+004
-26	1.358E+004	1.534E+004	1.728E+004
-25	1.289E+004	1.453E+004	1.635E+004
-24	1.223E+004	1.377E+004	1.547E+004
-23	1.162E+004	1.306E+004	1.464E+004
-22	1.104E+004	1.239E+004	1.387E+004
-21	1.049E+004	1.176E+004	1.314E+004
-20	9.976E+003	1.116E+004	1.245E+004
-19	9.488E+003	1.060E+004	1.181E+004
-18	9.027E+003	1.007E+004	1.120E+004
-17	8.592E+003	9.566E+003	1.062E+004
-16	8.180E+003	9.093E+003	1.008E+004
-15	7.791E+003	8.647E+003	9.574E+003
-14	7.423E+003	8.226E+003	9.094E+003
-13	7.074E+003	7.828E+003	8.641E+003
-12	6.744E+003	7.452E+003	8.213E+003
-11	6.432E+003	7.096E+003	7.810E+003
-10	6.136E+003	6.760E+003	7.429E+003
-9	5.856E+003	6.442E+003	7.068E+003
-8	5.590E+003	6.140E+003	6.728E+003
-7	5.338E+003	5.855E+003	6.406E+003
-6	5.099E+003	5.585E+003	6.102E+003
-5	4.873E+003	5.329E+003	5.814E+003
-4	4.658E+003	5.087E+003	5.542E+003
-3	4.453E+003	4.857E+003	5.284E+003
-2	4.260E+003	4.639E+003	5.040E+003
-1	4.075E+003	4.432E+003	4.809E+003
0	3.900E+003	4.236E+003	4.589E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.900E+003	4.236E+003	4.589E+003
1	3.734E+003	4.050E+003	4.382E+003
2	3.576E+003	3.873E+003	4.185E+003
3	3.425E+003	3.705E+003	3.998E+003
4	3.282E+003	3.546E+003	3.821E+003
5	3.146E+003	3.394E+003	3.653E+003
6	3.016E+003	3.250E+003	3.493E+003
7	2.893E+003	3.112E+003	3.341E+003
8	2.775E+003	2.982E+003	3.196E+003
9	2.662E+003	2.857E+003	3.059E+003
10	2.555E+003	2.739E+003	2.929E+003
11	2.453E+003	2.626E+003	2.804E+003
12	2.356E+003	2.519E+003	2.686E+003
13	2.263E+003	2.417E+003	2.574E+003
14	2.174E+003	2.319E+003	2.467E+003
15	2.090E+003	2.226E+003	2.365E+003
16	2.009E+003	2.137E+003	2.268E+003
17	1.932E+003	2.053E+003	2.176E+003
18	1.858E+003	1.972E+003	2.088E+003
19	1.788E+003	1.895E+003	2.004E+003
20	1.720E+003	1.821E+003	1.924E+003
21	1.656E+003	1.751E+003	1.847E+003
22	1.594E+003	1.684E+003	1.774E+003
23	1.535E+003	1.620E+003	1.705E+003
24	1.479E+003	1.559E+003	1.638E+003
25	1.425E+003	1.500E+003	1.575E+003
26	1.370E+003	1.444E+003	1.518E+003
27	1.318E+003	1.390E+003	1.463E+003
28	1.268E+003	1.339E+003	1.411E+003
29	1.220E+003	1.290E+003	1.361E+003
30	1.174E+003	1.243E+003	1.313E+003
31	1.131E+003	1.198E+003	1.267E+003
32	1.089E+003	1.155E+003	1.222E+003
33	1.049E+003	1.114E+003	1.180E+003
34	1.010E+003	1.074E+003	1.139E+003
35	9.737E+002	1.036E+003	1.100E+003
36	9.385E+002	1.000E+003	1.063E+003
37	9.049E+002	9.652E+002	1.027E+003
38	8.726E+002	9.318E+002	9.925E+002
39	8.417E+002	8.997E+002	9.593E+002
40	8.121E+002	8.690E+002	9.275E+002

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RESISTANCE(at25℃)	1500 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3400 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	8.121E+002	8.690E+002	9.275E+002
41	7.837E+002	8.394E+002	8.969E+002
42	7.564E+002	8.111E+002	8.675E+002
43	7.303E+002	7.838E+002	8.392E+002
44	7.052E+002	7.577E+002	8.120E+002
45	6.811E+002	7.326E+002	7.859E+002
46	6.580E+002	7.084E+002	7.608E+002
47	6.358E+002	6.852E+002	7.366E+002
48	6.145E+002	6.629E+002	7.133E+002
49	5.940E+002	6.414E+002	6.909E+002
50	5.743E+002	6.208E+002	6.693E+002
51	5.554E+002	6.009E+002	6.486E+002
52	5.373E+002	5.819E+002	6.286E+002
53	5.198E+002	5.635E+002	6.093E+002
54	5.030E+002	5.458E+002	5.907E+002
55	4.869E+002	5.288E+002	5.728E+002
56	4.713E+002	5.124E+002	5.556E+002
57	4.563E+002	4.966E+002	5.390E+002
58	4.419E+002	4.813E+002	5.229E+002
59	4.281E+002	4.667E+002	5.075E+002
60	4.147E+002	4.525E+002	4.925E+002
61	4.019E+002	4.389E+002	4.781E+002
62	3.895E+002	4.257E+002	4.642E+002
63	3.775E+002	4.131E+002	4.508E+002
64	3.660E+002	4.008E+002	4.379E+002
65	3.549E+002	3.890E+002	4.254E+002
66	3.442E+002	3.777E+002	4.133E+002
67	3.339E+002	3.667E+002	4.016E+002
68	3.240E+002	3.561E+002	3.903E+002
69	3.144E+002	3.458E+002	3.794E+002
70	3.051E+002	3.359E+002	3.689E+002
71	2.962E+002	3.264E+002	3.587E+002
72	2.876E+002	3.171E+002	3.489E+002
73	2.792E+002	3.082E+002	3.393E+002
74	2.712E+002	2.996E+002	3.301E+002
75	2.634E+002	2.913E+002	3.212E+002
76	2.559E+002	2.832E+002	3.126E+002
77	2.487E+002	2.754E+002	3.043E+002
78	2.417E+002	2.679E+002	2.962E+002
79	2.349E+002	2.606E+002	2.884E+002
80	2.284E+002	2.536E+002	2.808E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.284E+002	2.536E+002	2.808E+002
81	2.221E+002	2.468E+002	2.735E+002
82	2.160E+002	2.402E+002	2.664E+002
83	2.101E+002	2.338E+002	2.596E+002
84	2.044E+002	2.276E+002	2.529E+002
85	1.988E+002	2.217E+002	2.465E+002
86	1.935E+002	2.159E+002	2.402E+002
87	1.883E+002	2.103E+002	2.342E+002
88	1.833E+002	2.048E+002	2.283E+002
89	1.785E+002	1.996E+002	2.226E+002
90	1.738E+002	1.945E+002	2.171E+002
91	1.692E+002	1.895E+002	2.117E+002
92	1.648E+002	1.847E+002	2.065E+002
93	1.606E+002	1.801E+002	2.015E+002
94	1.564E+002	1.756E+002	1.966E+002
95	1.524E+002	1.712E+002	1.919E+002
96	1.485E+002	1.670E+002	1.873E+002
97	1.448E+002	1.629E+002	1.828E+002
98	1.411E+002	1.589E+002	1.785E+002
99	1.376E+002	1.550E+002	1.742E+002
100	1.342E+002	1.513E+002	1.702E+002
101	1.308E+002	1.476E+002	1.662E+002
102	1.276E+002	1.441E+002	1.623E+002
103	1.245E+002	1.407E+002	1.586E+002
104	1.214E+002	1.373E+002	1.549E+002
105	1.185E+002	1.341E+002	1.514E+002
106	1.156E+002	1.310E+002	1.479E+002
107	1.129E+002	1.279E+002	1.446E+002
108	1.102E+002	1.249E+002	1.413E+002
109	1.075E+002	1.220E+002	1.382E+002
110	1.050E+002	1.192E+002	1.351E+002
111	1.025E+002	1.165E+002	1.321E+002
112	1.001E+002	1.139E+002	1.292E+002
113	9.780E+001	1.113E+002	1.263E+002
114	9.553E+001	1.088E+002	1.236E+002
115	9.333E+001	1.063E+002	1.209E+002
116	9.119E+001	1.040E+002	1.183E+002
117	8.911E+001	1.017E+002	1.157E+002
118	8.708E+001	9.943E+001	1.133E+002
119	8.512E+001	9.725E+001	1.108E+002
120	8.320E+001	9.513E+001	1.085E+002
121	8.134E+001	9.306E+001	1.062E+002
122	7.953E+001	9.105E+001	1.040E+002
123	7.777E+001	8.909E+001	1.018E+002
124	7.606E+001	8.719E+001	9.970E+001
125	7.439E+001	8.533E+001	9.764E+001