NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3F102J [T,B]

RESISTANCE(at25℃)	1000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3250 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.701E+004	1.962E+004	2.256E+004
-39	1.609E+004	1.852E+004	2.127E+004
-38	1.523E+004	1.750E+004	2.005E+004
-37	1.442E+004	1.654E+004	1.892E+004
-36	1.365E+004	1.563E+004	1.786E+004
-35	1.294E+004	1.479E+004	1.686E+004
-34	1.227E+004	1.400E+004	1.593E+004
-33	1.163E+004	1.325E+004	1.506E+004
-32	1.104E+004	1.255E+004	1.424E+004
-31	1.047E+004	1.189E+004	1.347E+004
-30	9.946E+003	1.127E+004	1.275E+004
-29	9.447E+003	1.069E+004	1.207E+004
-28	8.977E+003	1.014E+004	1.143E+004
-27	8.534E+003	9.626E+003	1.083E+004
-26	8.116E+003	9.139E+003	1.027E+004
-25	7.721E+003	8.681E+003	9.736E+003
-24	7.348E+003	8.249E+003	9.237E+003
-23	6.996E+003	7.841E+003	8.767E+003
-22	6.663E+003	7.457E+003	8.324E+003
-21	6.349E+003	7.094E+003	7.906E+003
-20	6.051E+003	6.751E+003	7.513E+003
-19	5.770E+003	6.427E+003	7.142E+003
-18	5.503E+003	6.121E+003	6.792E+003
-17	5.251E+003	5.832E+003	6.461E+003
-16	5.012E+003	5.558E+003	6.148E+003
-15	4.785E+003	5.299E+003	5.853E+003
-14	4.570E+003	5.054E+003	5.574E+003
-13	4.367E+003	4.821E+003	5.310E+003
-12	4.173E+003	4.601E+003	5.060E+003
-11	3.989E+003	4.392E+003	4.824E+003
-10	3.815E+003	4.194E+003	4.600E+003
-9	3.650E+003	4.007E+003	4.388E+003
-8	3.492E+003	3.829E+003	4.187E+003
-7	3.343E+003	3.660E+003	3.997E+003
-6	3.201E+003	3.499E+003	3.816E+003
-5	3.065E+003	3.347E+003	3.645E+003
-4	2.937E+003	3.202E+003	3.483E+003
-3	2.814E+003	3.064E+003	3.328E+003
-2	2.697E+003	2.933E+003	3.182E+003
-1	2.586E+003	2.809E+003	3.043E+003
0	2.481E+003	2.690E+003	2.911E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.481E+003	2.690E+003	2.911E+003
1	2.380E+003	2.578E+003	2.785E+003
2	2.283E+003	2.470E+003	2.666E+003
3	2.192E+003	2.368E+003	2.552E+003
4	2.104E+003	2.271E+003	2.444E+003
5	2.021E+003	2.178E+003	2.341E+003
6	1.941E+003	2.090E+003	2.243E+003
7	1.865E+003	2.005E+003	2.150E+003
8	1.793E+003	1.925E+003	2.062E+003
9	1.724E+003	1.849E+003	1.977E+003
10	1.658E+003	1.776E+003	1.897E+003
11	1.595E+003	1.706E+003	1.820E+003
12	1.534E+003	1.639E+003	1.747E+003
13	1.477E+003	1.576E+003	1.678E+003
14	1.422E+003	1.515E+003	1.611E+003
15	1.369E+003	1.457E+003	1.548E+003
16	1.318E+003	1.402E+003	1.487E+003
17	1.270E+003	1.349E+003	1.429E+003
18	1.224E+003	1.298E+003	1.374E+003
19	1.179E+003	1.250E+003	1.321E+003
20	1.137E+003	1.204E+003	1.271E+003
21	1.096E+003	1.159E+003	1.223E+003
22	1.057E+003	1.117E+003	1.177E+003
23	1.020E+003	1.076E+003	1.132E+003
24	9.843E+002	1.037E+003	1.090E+003
25	9.500E+002	1.000E+003	1.050E+003
26	9.151E+002	9.643E+002	1.014E+003
27	8.816E+002	9.301E+002	9.787E+002
28	8.496E+002	8.973E+002	9.452E+002
29	8.190E+002	8.658E+002	9.131E+002
30	7.896E+002	8.357E+002	8.822E+002
31	7.615E+002	8.068E+002	8.526E+002
32	7.345E+002	7.790E+002	8.241E+002
33	7.087E+002	7.524E+002	7.968E+002
34	6.839E+002	7.268E+002	7.705E+002
35	6.602E+002	7.023E+002	7.453E+002
36	6.374E+002	6.788E+002	7.210E+002
37	6.155E+002	6.561E+002	6.977E+002
38	5.945E+002	6.344E+002	6.753E+002
39	5.744E+002	6.135E+002	6.537E+002
40	5.550E+002	5.934E+002	6.329E+002

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3F102J [T,B]

RESISTANCE(at25℃)	1000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3250 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.550E+002	5.934E+002	6.329E+002
41	5.364E+002	5.742E+002	6.130E+002
42	5.186E+002	5.556E+002	5.938E+002
43	5.015E+002	5.378E+002	5.753E+002
44	4.850E+002	5.206E+002	5.574E+002
45	4.691E+002	5.041E+002	5.403E+002
46	4.539E+002	4.882E+002	5.237E+002
47	4.393E+002	4.729E+002	5.078E+002
48	4.252E+002	4.582E+002	4.925E+002
49	4.116E+002	4.440E+002	4.777E+002
50	3.986E+002	4.303E+002	4.634E+002
51	3.860E+002	4.171E+002	4.496E+002
52	3.739E+002	4.044E+002	4.363E+002
53	3.622E+002	3.922E+002	4.235E+002
54	3.510E+002	3.803E+002	4.111E+002
55	3.402E+002	3.690E+002	3.992E+002
56	3.298E+002	3.580E+002	3.876E+002
57	3.197E+002	3.474E+002	3.765E+002
58	3.101E+002	3.372E+002	3.658E+002
59	3.007E+002	3.273E+002	3.554E+002
60	2.917E+002	3.178E+002	3.454E+002
61	2.831E+002	3.087E+002	3.357E+002
62	2.747E+002	2.998E+002	3.264E+002
63	2.666E+002	2.912E+002	3.173E+002
64	2.589E+002	2.830E+002	3.086E+002
65	2.513E+002	2.750E+002	3.001E+002
66	2.441E+002	2.673E+002	2.920E+002
67	2.371E+002	2.598E+002	2.841E+002
68	2.303E+002	2.526E+002	2.764E+002
69	2.238E+002	2.457E+002	2.690E+002
70	2.174E+002	2.389E+002	2.618E+002
71	2.113E+002	2.324E+002	2.549E+002
72	2.054E+002	2.261E+002	2.482E+002
73	1.997E+002	2.200E+002	2.417E+002
74	1.942E+002	2.141E+002	2.354E+002
75	1.888E+002	2.083E+002	2.293E+002
76	1.837E+002	2.028E+002	2.234E+002
77	1.787E+002	1.974E+002	2.176E+002
78	1.738E+002	1.922E+002	2.121E+002
79	1.692E+002	1.872E+002	2.067E+002
80	1.646E+002	1.823E+002	2.015E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.646E+002	1.823E+002	2.015E+002
81	1.602E+002	1.776E+002	1.964E+002
82	1.560E+002	1.731E+002	1.915E+002
83	1.519E+002	1.686E+002	1.867E+002
84	1.479E+002	1.643E+002	1.821E+002
85	1.440E+002	1.602E+002	1.776E+002
86	1.403E+002	1.561E+002	1.733E+002
87	1.367E+002	1.522E+002	1.691E+002
88	1.332E+002	1.484E+002	1.650E+002
89	1.298E+002	1.448E+002	1.610E+002
90	1.265E+002	1.412E+002	1.572E+002
91	1.233E+002	1.377E+002	1.534E+002
92	1.202E+002	1.344E+002	1.498E+002
93	1.172E+002	1.311E+002	1.463E+002
94	1.143E+002	1.280E+002	1.429E+002
95	1.115E+002	1.249E+002	1.396E+002
96	1.088E+002	1.219E+002	1.363E+002
97	1.061E+002	1.190E+002	1.332E+002
98	1.035E+002	1.162E+002	1.301E+002
99	1.010E+002	1.135E+002	1.272E+002
100	9.860E+001	1.108E+002	1.243E+002
101	9.624E+001	1.083E+002	1.215E+002
102	9.395E+001	1.058E+002	1.188E+002
103	9.173E+001	1.033E+002	1.161E+002
104	8.957E+001	1.010E+002	1.135E+002
105	8.747E+001	9.867E+001	1.110E+002
106	8.543E+001	9.643E+001	1.086E+002
107	8.345E+001	9.426E+001	1.062E+002
108	8.152E+001	9.215E+001	1.039E+002
109	7.965E+001	9.009E+001	1.016E+002
110	7.783E+001	8.809E+001	9.945E+001
111	7.606E+001	8.614E+001	9.732E+001
112	7.434E+001	8.425E+001	9.525E+001
113	7.267E+001	8.241E+001	9.322E+001
114	7.104E+001	8.062E+001	9.126E+001
115	6.946E+001	7.887E+001	8.934E+001
116	6.792E+001	7.717E+001	8.747E+001
117	6.642E+001	7.552E+001	8.565E+001
118	6.496E+001	7.391E+001	8.388E+001
119	6.354E+001	7.234E+001	8.215E+001
120	6.216E+001	7.081E+001	8.046E+001
121	6.081E+001	6.932E+001	7.882E+001
122	5.950E+001	6.787E+001	7.722E+001
123	5.823E+001	6.646E+001	7.566E+001
124	5.699E+001	6.508E+001	7.414E+001
125	5.578E+001	6.374E+001	7.265E+001