NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3R104J [T,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3700 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.300E+006	2.686E+006	3.128E+006
-39	2.166E+006	2.524E+006	2.934E+006
-38	2.041E+006	2.373E+006	2.753E+006
-37	1.923E+006	2.233E+006	2.585E+006
-36	1.814E+006	2.101E+006	2.428E+006
-35	1.711E+006	1.978E+006	2.281E+006
-34	1.615E+006	1.863E+006	2.144E+006
-33	1.524E+006	1.756E+006	2.017E+006
-32	1.440E+006	1.655E+006	1.898E+006
-31	1.360E+006	1.561E+006	1.786E+006
-30	1.286E+006	1.472E+006	1.682E+006
-29	1.216E+006	1.390E+006	1.585E+006
-28	1.150E+006	1.312E+006	1.493E+006
-27	1.089E+006	1.240E+006	1.408E+006
-26	1.030E+006	1.171E+006	1.328E+006
-25	9.758E+005	1.107E+006	1.253E+006
-24	9.244E+005	1.047E+006	1.183E+006
-23	8.760E+005	9.904E+005	1.117E+006
-22	8.305E+005	9.373E+005	1.055E+006
-21	7.875E+005	8.872E+005	9.971E+005
-20	7.471E+005	8.402E+005	9.426E+005
-19	7.088E+005	7.958E+005	8.912E+005
-18	6.728E+005	7.540E+005	8.430E+005
-17	6.388E+005	7.148E+005	7.977E+005
-16	6.068E+005	6.778E+005	7.552E+005
-15	5.765E+005	6.429E+005	7.152E+005
-14	5.480E+005	6.101E+005	6.775E+005
-13	5.211E+005	5.792E+005	6.421E+005
-12	4.956E+005	5.500E+005	6.088E+005
-11	4.716E+005	5.225E+005	5.774E+005
-10	4.489E+005	4.965E+005	5.478E+005
-9	4.275E+005	4.721E+005	5.200E+005
-8	4.072E+005	4.490E+005	4.938E+005
-7	3.880E+005	4.271E+005	4.690E+005
-6	3.698E+005	4.064E+005	4.456E+005
-5	3.525E+005	3.869E+005	4.235E+005
-4	3.362E+005	3.683E+005	4.026E+005
-3	3.207E+005	3.508E+005	3.828E+005
-2	3.059E+005	3.342E+005	3.642E+005
-1	2.920E+005	3.185E+005	3.465E+005
0	2.787E+005	3.035E+005	3.298E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.787E+005	3.035E+005	3.298E+005
1	2.661E+005	2.894E+005	3.139E+005
2	2.541E+005	2.759E+005	2.989E+005
3	2.427E+005	2.632E+005	2.847E+005
4	2.319E+005	2.511E+005	2.712E+005
5	2.217E+005	2.397E+005	2.585E+005
6	2.120E+005	2.289E+005	2.465E+005
7	2.027E+005	2.186E+005	2.351E+005
8	1.939E+005	2.088E+005	2.242E+005
9	1.856E+005	1.995E+005	2.140E+005
10	1.777E+005	1.907E+005	2.043E+005
11	1.701E+005	1.824E+005	1.950E+005
12	1.629E+005	1.744E+005	1.863E+005
13	1.561E+005	1.669E+005	1.780E+005
14	1.496E+005	1.597E+005	1.701E+005
15	1.433E+005	1.528E+005	1.626E+005
16	1.374E+005	1.463E+005	1.554E+005
17	1.318E+005	1.401E+005	1.487E+005
18	1.264E+005	1.342E+005	1.422E+005
19	1.213E+005	1.286E+005	1.361E+005
20	1.164E+005	1.233E+005	1.302E+005
21	1.117E+005	1.182E+005	1.247E+005
22	1.072E+005	1.133E+005	1.194E+005
23	1.030E+005	1.086E+005	1.144E+005
24	9.889E+004	1.042E+005	1.096E+005
25	9.500E+004	1.000E+005	1.050E+005
26	9.106E+004	9.597E+004	1.009E+005
27	8.731E+004	9.213E+004	9.698E+004
28	8.373E+004	8.846E+004	9.323E+004
29	8.031E+004	8.496E+004	8.965E+004
30	7.706E+004	8.161E+004	8.622E+004
31	7.395E+004	7.842E+004	8.295E+004
32	7.099E+004	7.537E+004	7.981E+004
33	6.816E+004	7.245E+004	7.681E+004
34	6.546E+004	6.966E+004	7.395E+004
35	6.288E+004	6.699E+004	7.120E+004
36	6.042E+004	6.445E+004	6.857E+004
37	5.806E+004	6.201E+004	6.605E+004
38	5.581E+004	5.967E+004	6.364E+004
39	5.366E+004	5.744E+004	6.133E+004
40	5.161E+004	5.530E+004	5.911E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.161E+004	5.530E+004	5.911E+004
41	4.964E+004	5.326E+004	5.699E+004
42	4.776E+004	5.130E+004	5.495E+004
43	4.596E+004	4.942E+004	5.300E+004
44	4.424E+004	4.762E+004	5.113E+004
45	4.259E+004	4.590E+004	4.933E+004
46	4.101E+004	4.424E+004	4.761E+004
47	3.950E+004	4.266E+004	4.595E+004
48	3.806E+004	4.114E+004	4.436E+004
49	3.667E+004	3.968E+004	4.284E+004
50	3.534E+004	3.829E+004	4.138E+004
51	3.407E+004	3.695E+004	3.997E+004
52	3.285E+004	3.566E+004	3.862E+004
53	3.168E+004	3.443E+004	3.732E+004
54	3.056E+004	3.324E+004	3.608E+004
55	2.948E+004	3.211E+004	3.488E+004
56	2.845E+004	3.101E+004	3.372E+004
57	2.745E+004	2.996E+004	3.262E+004
58	2.650E+004	2.895E+004	3.155E+004
59	2.559E+004	2.798E+004	3.052E+004
60	2.471E+004	2.705E+004	2.953E+004
61	2.386E+004	2.615E+004	2.858E+004
62	2.305E+004	2.528E+004	2.766E+004
63	2.227E+004	2.445E+004	2.677E+004
64	2.152E+004	2.365E+004	2.592E+004
65	2.080E+004	2.288E+004	2.510E+004
66	2.010E+004	2.214E+004	2.431E+004
67	1.944E+004	2.142E+004	2.355E+004
68	1.880E+004	2.074E+004	2.282E+004
69	1.818E+004	2.007E+004	2.211E+004
70	1.759E+004	1.944E+004	2.143E+004
71	1.702E+004	1.883E+004	2.078E+004
72	1.647E+004	1.824E+004	2.014E+004
73	1.594E+004	1.767E+004	1.954E+004
74	1.543E+004	1.712E+004	1.895E+004
75	1.494E+004	1.659E+004	1.838E+004
76	1.447E+004	1.608E+004	1.783E+004
77	1.401E+004	1.559E+004	1.730E+004
78	1.357E+004	1.511E+004	1.679E+004
79	1.315E+004	1.466E+004	1.629E+004
80	1.274E+004	1.421E+004	1.581E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.274E+004	1.421E+004	1.581E+004
81	1.235E+004	1.378E+004	1.535E+004
82	1.196E+004	1.337E+004	1.490E+004
83	1.159E+004	1.297E+004	1.447E+004
84	1.124E+004	1.258E+004	1.405E+004
85	1.090E+004	1.221E+004	1.364E+004
86	1.057E+004	1.185E+004	1.325E+004
87	1.025E+004	1.150E+004	1.287E+004
88	9.939E+003	1.116E+004	1.251E+004
89	9.642E+003	1.084E+004	1.216E+004
90	9.356E+003	1.053E+004	1.181E+004
91	9.079E+003	1.022E+004	1.149E+004
92	8.813E+003	9.932E+003	1.117E+004
93	8.555E+003	9.650E+003	1.086E+004
94	8.306E+003	9.377E+003	1.056E+004
95	8.066E+003	9.113E+003	1.027E+004
96	7.833E+003	8.858E+003	9.991E+003
97	7.609E+003	8.611E+003	9.720E+003
98	7.392E+003	8.372E+003	9.459E+003
99	7.182E+003	8.141E+003	9.205E+003
100	6.979E+003	7.918E+003	8.960E+003
101	6.784E+003	7.702E+003	8.723E+003
102	6.595E+003	7.493E+003	8.493E+003
103	6.412E+003	7.291E+003	8.270E+003
104	6.235E+003	7.095E+003	8.054E+003
105	6.063E+003	6.906E+003	7.845E+003
106	5.897E+003	6.722E+003	7.642E+003
107	5.737E+003	6.543E+003	7.445E+003
108	5.581E+003	6.371E+003	7.254E+003
109	5.430E+003	6.203E+003	7.069E+003
110	5.284E+003	6.041E+003	6.889E+003
111	5.142E+003	5.883E+003	6.714E+003
112	5.005E+003	5.730E+003	6.545E+003
113	4.872E+003	5.582E+003	6.380E+003
114	4.743E+003	5.439E+003	6.221E+003
115	4.618E+003	5.299E+003	6.066E+003
116	4.497E+003	5.164E+003	5.915E+003
117	4.379E+003	5.032E+003	5.769E+003
118	4.265E+003	4.905E+003	5.627E+003
119	4.154E+003	4.781E+003	5.489E+003
120	4.047E+003	4.661E+003	5.355E+003
121	3.943E+003	4.544E+003	5.224E+003
122	3.842E+003	4.431E+003	5.098E+003
123	3.744E+003	4.321E+003	4.975E+003
124	3.648E+003	4.214E+003	4.855E+003
125	3.556E+003	4.110E+003	4.738E+003