NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC03-4B104J[D,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4030 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.612E+006	3.078E+006	3.619E+006
-39	2.465E+006	2.899E+006	3.401E+006
-38	2.327E+006	2.731E+006	3.196E+006
-37	2.197E+006	2.573E+006	3.005E+006
-36	2.075E+006	2.424E+006	2.825E+006
-35	1.960E+006	2.285E+006	2.657E+006
-34	1.852E+006	2.154E+006	2.500E+006
-33	1.750E+006	2.032E+006	2.353E+006
-32	1.654E+006	1.916E+006	2.215E+006
-31	1.564E+006	1.808E+006	2.085E+006
-30	1.479E+006	1.706E+006	1.963E+006
-29	1.399E+006	1.610E+006	1.850E+006
-28	1.323E+006	1.520E+006	1.743E+006
-27	1.252E+006	1.436E+006	1.642E+006
-26	1.185E+006	1.356E+006	1.548E+006
-25	1.122E+006	1.281E+006	1.460E+006
-24	1.062E+006	1.211E+006	1.377E+006
-23	1.006E+006	1.144E+006	1.299E+006
-22	9.525E+005	1.082E+006	1.225E+006
-21	9.023E+005	1.023E+006	1.156E+006
-20	8.549E+005	9.672E+005	1.091E+006
-19	8.103E+005	9.149E+005	1.031E+006
-18	7.681E+005	8.657E+005	9.732E+005
-17	7.282E+005	8.192E+005	9.193E+005
-16	6.905E+005	7.754E+005	8.686E+005
-15	6.550E+005	7.342E+005	8.209E+005
-14	6.214E+005	6.952E+005	7.759E+005
-13	5.896E+005	6.585E+005	7.336E+005
-12	5.596E+005	6.239E+005	6.938E+005
-11	5.312E+005	5.912E+005	6.563E+005
-10	5.044E+005	5.603E+005	6.210E+005
-9	4.790E+005	5.312E+005	5.877E+005
-8	4.550E+005	5.037E+005	5.563E+005
-7	4.323E+005	4.778E+005	5.267E+005
-6	4.108E+005	4.532E+005	4.988E+005
-5	3.905E+005	4.301E+005	4.725E+005
-4	3.712E+005	4.082E+005	4.478E+005
-3	3.530E+005	3.875E+005	4.244E+005
-2	3.358E+005	3.680E+005	4.023E+005
-1	3.194E+005	3.495E+005	3.815E+005
0	3.040E+005	3.321E+005	3.619E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.040E+005	3.321E+005	3.619E+005
1	2.893E+005	3.156E+005	3.433E+005
2	2.754E+005	2.999E+005	3.258E+005
3	2.623E+005	2.852E+005	3.092E+005
4	2.498E+005	2.712E+005	2.936E+005
5	2.380E+005	2.579E+005	2.789E+005
6	2.268E+005	2.454E+005	2.649E+005
7	2.162E+005	2.336E+005	2.517E+005
8	2.061E+005	2.223E+005	2.392E+005
9	1.965E+005	2.117E+005	2.274E+005
10	1.875E+005	2.016E+005	2.163E+005
11	1.789E+005	1.921E+005	2.057E+005
12	1.707E+005	1.830E+005	1.958E+005
13	1.629E+005	1.744E+005	1.863E+005
14	1.555E+005	1.663E+005	1.773E+005
15	1.485E+005	1.586E+005	1.689E+005
16	1.419E+005	1.513E+005	1.608E+005
17	1.356E+005	1.443E+005	1.532E+005
18	1.296E+005	1.377E+005	1.460E+005
19	1.239E+005	1.315E+005	1.392E+005
20	1.184E+005	1.255E+005	1.327E+005
21	1.133E+005	1.199E+005	1.266E+005
22	1.084E+005	1.145E+005	1.208E+005
23	1.037E+005	1.094E+005	1.152E+005
24	9.923E+004	1.046E+005	1.100E+005
25	9.500E+004	1.000E+005	1.050E+005
26	9.072E+004	9.563E+004	1.005E+005
27	8.666E+004	9.147E+004	9.630E+004
28	8.280E+004	8.751E+004	9.226E+004
29	7.913E+004	8.375E+004	8.841E+004
30	7.565E+004	8.016E+004	8.474E+004
31	7.233E+004	7.675E+004	8.124E+004
32	6.918E+004	7.350E+004	7.790E+004
33	6.619E+004	7.041E+004	7.472E+004
34	6.333E+004	6.746E+004	7.168E+004
35	6.062E+004	6.466E+004	6.879E+004
36	5.804E+004	6.198E+004	6.603E+004
37	5.558E+004	5.943E+004	6.339E+004
38	5.324E+004	5.700E+004	6.087E+004
39	5.101E+004	5.468E+004	5.846E+004
40	4.888E+004	5.246E+004	5.617E+004

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TYPE	TC03-4B104J[D,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	5 %
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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.888E+004	5.246E+004	5.617E+004
41	4.686E+004	5.035E+004	5.397E+004
42	4.493E+004	4.834E+004	5.188E+004
43	4.309E+004	4.641E+004	4.987E+004
44	4.133E+004	4.458E+004	4.795E+004
45	3.966E+004	4.282E+004	4.612E+004
46	3.806E+004	4.114E+004	4.437E+004
47	3.653E+004	3.954E+004	4.269E+004
48	3.508E+004	3.801E+004	4.109E+004
49	3.368E+004	3.654E+004	3.955E+004
50	3.236E+004	3.514E+004	3.808E+004
51	3.109E+004	3.381E+004	3.667E+004
52	2.988E+004	3.252E+004	3.532E+004
53	2.872E+004	3.130E+004	3.403E+004
54	2.761E+004	3.012E+004	3.279E+004
55	2.655E+004	2.900E+004	3.160E+004
56	2.554E+004	2.793E+004	3.046E+004
57	2.457E+004	2.690E+004	2.937E+004
58	2.364E+004	2.591E+004	2.833E+004
59	2.275E+004	2.496E+004	2.732E+004
60	2.190E+004	2.406E+004	2.636E+004
61	2.109E+004	2.319E+004	2.543E+004
62	2.031E+004	2.235E+004	2.455E+004
63	1.956E+004	2.156E+004	2.369E+004
64	1.884E+004	2.079E+004	2.288E+004
65	1.816E+004	2.005E+004	2.209E+004
66	1.750E+004	1.935E+004	2.134E+004
67	1.687E+004	1.867E+004	2.061E+004
68	1.627E+004	1.802E+004	1.991E+004
69	1.569E+004	1.740E+004	1.924E+004
70	1.513E+004	1.680E+004	1.860E+004
71	1.460E+004	1.622E+004	1.798E+004
72	1.408E+004	1.567E+004	1.738E+004
73	1.359E+004	1.514E+004	1.681E+004
74	1.312E+004	1.462E+004	1.626E+004
75	1.267E+004	1.413E+004	1.573E+004
76	1.223E+004	1.366E+004	1.522E+004
77	1.181E+004	1.321E+004	1.473E+004
78	1.141E+004	1.277E+004	1.425E+004
79	1.102E+004	1.235E+004	1.380E+004
80	1.065E+004	1.195E+004	1.336E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.065E+004	1.195E+004	1.336E+004
81	1.030E+004	1.156E+004	1.294E+004
82	9.953E+003	1.118E+004	1.253E+004
83	9.623E+003	1.082E+004	1.214E+004
84	9.305E+003	1.047E+004	1.176E+004
85	8.999E+003	1.014E+004	1.139E+004
86	8.705E+003	9.817E+003	1.104E+004
87	8.422E+003	9.506E+003	1.070E+004
88	8.150E+003	9.207E+003	1.038E+004
89	7.887E+003	8.919E+003	1.006E+004
90	7.635E+003	8.642E+003	9.757E+003
91	7.391E+003	8.374E+003	9.463E+003
92	7.157E+003	8.116E+003	9.180E+003
93	6.931E+003	7.867E+003	8.906E+003
94	6.714E+003	7.627E+003	8.642E+003
95	6.504E+003	7.395E+003	8.387E+003
96	6.302E+003	7.172E+003	8.141E+003
97	6.107E+003	6.956E+003	7.903E+003
98	5.919E+003	6.748E+003	7.673E+003
99	5.738E+003	6.547E+003	7.452E+003
100	5.563E+003	6.353E+003	7.237E+003