NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3M154J [R,B]

RESISTANCE(at25℃)	150000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3620 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.211E+006	3.742E+006	4.349E+006
-39	3.030E+006	3.523E+006	4.087E+006
-38	2.860E+006	3.319E+006	3.843E+006
-37	2.701E+006	3.128E+006	3.614E+006
-36	2.552E+006	2.950E+006	3.401E+006
-35	2.411E+006	2.782E+006	3.202E+006
-34	2.280E+006	2.625E+006	3.016E+006
-33	2.156E+006	2.478E+006	2.842E+006
-32	2.040E+006	2.340E+006	2.678E+006
-31	1.931E+006	2.211E+006	2.526E+006
-30	1.828E+006	2.090E+006	2.383E+006
-29	1.732E+006	1.976E+006	2.249E+006
-28	1.642E+006	1.870E+006	2.124E+006
-27	1.556E+006	1.769E+006	2.006E+006
-26	1.476E+006	1.675E+006	1.896E+006
-25	1.400E+006	1.586E+006	1.792E+006
-24	1.328E+006	1.502E+006	1.694E+006
-23	1.260E+006	1.423E+006	1.602E+006
-22	1.196E+006	1.348E+006	1.515E+006
-21	1.136E+006	1.278E+006	1.434E+006
-20	1.079E+006	1.212E+006	1.357E+006
-19	1.025E+006	1.149E+006	1.285E+006
-18	9.736E+005	1.090E+006	1.217E+006
-17	9.254E+005	1.034E+006	1.153E+006
-16	8.798E+005	9.815E+005	1.092E+006
-15	8.367E+005	9.319E+005	1.035E+006
-14	7.960E+005	8.852E+005	9.818E+005
-13	7.576E+005	8.410E+005	9.313E+005
-12	7.212E+005	7.993E+005	8.838E+005
-11	6.868E+005	7.600E+005	8.389E+005
-10	6.542E+005	7.228E+005	7.966E+005
-9	6.232E+005	6.875E+005	7.566E+005
-8	5.940E+005	6.542E+005	7.188E+005
-7	5.663E+005	6.227E+005	6.832E+005
-6	5.400E+005	5.930E+005	6.495E+005
-5	5.152E+005	5.649E+005	6.178E+005
-4	4.917E+005	5.383E+005	5.878E+005
-3	4.694E+005	5.131E+005	5.594E+005
-2	4.482E+005	4.892E+005	5.326E+005
-1	4.281E+005	4.666E+005	5.073E+005
0	4.091E+005	4.452E+005	4.833E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.091E+005	4.452E+005	4.833E+005
1	3.911E+005	4.250E+005	4.607E+005
2	3.740E+005	4.058E+005	4.393E+005
3	3.577E+005	3.876E+005	4.190E+005
4	3.422E+005	3.703E+005	3.997E+005
5	3.274E+005	3.538E+005	3.814E+005
6	3.134E+005	3.382E+005	3.640E+005
7	3.000E+005	3.233E+005	3.475E+005
8	2.873E+005	3.091E+005	3.318E+005
9	2.751E+005	2.957E+005	3.169E+005
10	2.636E+005	2.829E+005	3.028E+005
11	2.526E+005	2.707E+005	2.893E+005
12	2.421E+005	2.591E+005	2.766E+005
13	2.321E+005	2.480E+005	2.644E+005
14	2.225E+005	2.375E+005	2.529E+005
15	2.134E+005	2.275E+005	2.419E+005
16	2.047E+005	2.180E+005	2.315E+005
17	1.965E+005	2.089E+005	2.216E+005
18	1.886E+005	2.003E+005	2.121E+005
19	1.811E+005	1.920E+005	2.031E+005
20	1.739E+005	1.842E+005	1.946E+005
21	1.670E+005	1.767E+005	1.864E+005
22	1.604E+005	1.695E+005	1.787E+005
23	1.542E+005	1.627E+005	1.713E+005
24	1.482E+005	1.562E+005	1.642E+005
25	1.425E+005	1.500E+005	1.575E+005
26	1.367E+005	1.441E+005	1.515E+005
27	1.312E+005	1.384E+005	1.457E+005
28	1.259E+005	1.330E+005	1.402E+005
29	1.209E+005	1.279E+005	1.349E+005
30	1.161E+005	1.229E+005	1.299E+005
31	1.115E+005	1.182E+005	1.250E+005
32	1.071E+005	1.137E+005	1.204E+005
33	1.029E+005	1.094E+005	1.160E+005
34	9.895E+004	1.053E+005	1.117E+005
35	9.513E+004	1.013E+005	1.077E+005
36	9.148E+004	9.755E+004	1.038E+005
37	8.798E+004	9.393E+004	1.000E+005
38	8.464E+004	9.047E+004	9.645E+004
39	8.145E+004	8.715E+004	9.301E+004
40	7.839E+004	8.397E+004	8.972E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	7.839E+004	8.397E+004	8.972E+004
41	7.548E+004	8.094E+004	8.658E+004
42	7.269E+004	7.803E+004	8.356E+004
43	7.001E+004	7.524E+004	8.066E+004
44	6.745E+004	7.257E+004	7.788E+004
45	6.500E+004	7.000E+004	7.520E+004
46	6.264E+004	6.754E+004	7.264E+004
47	6.039E+004	6.518E+004	7.017E+004
48	5.822E+004	6.291E+004	6.780E+004
49	5.615E+004	6.073E+004	6.552E+004
50	5.416E+004	5.863E+004	6.333E+004
51	5.224E+004	5.662E+004	6.121E+004
52	5.040E+004	5.468E+004	5.917E+004
53	4.863E+004	5.281E+004	5.722E+004
54	4.693E+004	5.102E+004	5.533E+004
55	4.531E+004	4.931E+004	5.352E+004
56	4.374E+004	4.765E+004	5.178E+004
57	4.224E+004	4.606E+004	5.011E+004
58	4.080E+004	4.454E+004	4.849E+004
59	3.942E+004	4.307E+004	4.694E+004
60	3.809E+004	4.166E+004	4.544E+004
61	3.681E+004	4.030E+004	4.401E+004
62	3.559E+004	3.900E+004	4.263E+004
63	3.441E+004	3.774E+004	4.130E+004
64	3.328E+004	3.654E+004	4.001E+004
65	3.218E+004	3.537E+004	3.877E+004
66	3.113E+004	3.425E+004	3.758E+004
67	3.012E+004	3.317E+004	3.643E+004
68	2.915E+004	3.212E+004	3.531E+004
69	2.821E+004	3.112E+004	3.424E+004
70	2.730E+004	3.015E+004	3.320E+004
71	2.643E+004	2.921E+004	3.220E+004
72	2.558E+004	2.830E+004	3.122E+004
73	2.477E+004	2.742E+004	3.029E+004
74	2.399E+004	2.658E+004	2.938E+004
75	2.323E+004	2.577E+004	2.851E+004
76	2.251E+004	2.499E+004	2.767E+004
77	2.181E+004	2.423E+004	2.686E+004
78	2.113E+004	2.350E+004	2.607E+004
79	2.048E+004	2.280E+004	2.532E+004
80	1.986E+004	2.213E+004	2.459E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.986E+004	2.213E+004	2.459E+004
81	1.926E+004	2.148E+004	2.389E+004
82	1.868E+004	2.085E+004	2.321E+004
83	1.812E+004	2.024E+004	2.256E+004
84	1.759E+004	1.966E+004	2.192E+004
85	1.707E+004	1.909E+004	2.131E+004
86	1.656E+004	1.855E+004	2.072E+004
87	1.608E+004	1.802E+004	2.015E+004
88	1.561E+004	1.751E+004	1.959E+004
89	1.516E+004	1.702E+004	1.905E+004
90	1.472E+004	1.654E+004	1.853E+004
91	1.429E+004	1.607E+004	1.803E+004
92	1.388E+004	1.563E+004	1.754E+004
93	1.349E+004	1.519E+004	1.707E+004
94	1.311E+004	1.477E+004	1.661E+004
95	1.274E+004	1.437E+004	1.617E+004
96	1.238E+004	1.397E+004	1.574E+004
97	1.203E+004	1.359E+004	1.532E+004
98	1.170E+004	1.323E+004	1.492E+004
99	1.137E+004	1.287E+004	1.453E+004
100	1.106E+004	1.253E+004	1.415E+004
101	1.076E+004	1.219E+004	1.379E+004
102	1.046E+004	1.187E+004	1.343E+004
103	1.018E+004	1.156E+004	1.309E+004
104	9.905E+003	1.125E+004	1.275E+004
105	9.639E+003	1.096E+004	1.243E+004
106	9.381E+003	1.067E+004	1.211E+004
107	9.131E+003	1.040E+004	1.181E+004
108	8.889E+003	1.013E+004	1.151E+004
109	8.654E+003	9.869E+003	1.123E+004
110	8.427E+003	9.617E+003	1.095E+004
111	8.207E+003	9.373E+003	1.068E+004
112	7.994E+003	9.136E+003	1.042E+004
113	7.787E+003	8.906E+003	1.016E+004
114	7.586E+003	8.683E+003	9.913E+003
115	7.392E+003	8.466E+003	9.673E+003
116	7.203E+003	8.256E+003	9.439E+003
117	7.019E+003	8.051E+003	9.212E+003
118	6.841E+003	7.852E+003	8.991E+003
119	6.668E+003	7.659E+003	8.776E+003
120	6.500E+003	7.472E+003	8.567E+003
121	6.337E+003	7.289E+003	8.364E+003
122	6.179E+003	7.112E+003	8.166E+003
123	6.025E+003	6.940E+003	7.974E+003
124	5.875E+003	6.772E+003	7.787E+003
125	5.730E+003	6.609E+003	7.605E+003