NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3S154J [T,B]

RESISTANCE(at25℃)	150000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3750 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.580E+006	4.186E+006	4.883E+006
-39	3.366E+006	3.928E+006	4.573E+006
-38	3.167E+006	3.688E+006	4.285E+006
-37	2.981E+006	3.465E+006	4.017E+006
-36	2.807E+006	3.256E+006	3.767E+006
-35	2.645E+006	3.061E+006	3.535E+006
-34	2.493E+006	2.880E+006	3.319E+006
-33	2.350E+006	2.710E+006	3.117E+006
-32	2.217E+006	2.551E+006	2.929E+006
-31	2.092E+006	2.403E+006	2.753E+006
-30	1.975E+006	2.265E+006	2.590E+006
-29	1.866E+006	2.135E+006	2.437E+006
-28	1.763E+006	2.014E+006	2.294E+006
-27	1.667E+006	1.900E+006	2.160E+006
-26	1.576E+006	1.793E+006	2.036E+006
-25	1.491E+006	1.694E+006	1.919E+006
-24	1.411E+006	1.600E+006	1.809E+006
-23	1.336E+006	1.512E+006	1.707E+006
-22	1.265E+006	1.429E+006	1.611E+006
-21	1.199E+006	1.352E+006	1.521E+006
-20	1.136E+006	1.279E+006	1.436E+006
-19	1.077E+006	1.211E+006	1.357E+006
-18	1.022E+006	1.146E+006	1.283E+006
-17	9.697E+005	1.086E+006	1.213E+006
-16	9.204E+005	1.029E+006	1.147E+006
-15	8.740E+005	9.753E+005	1.086E+006
-14	8.302E+005	9.249E+005	1.028E+006
-13	7.889E+005	8.774E+005	9.735E+005
-12	7.499E+005	8.327E+005	9.223E+005
-11	7.131E+005	7.905E+005	8.742E+005
-10	6.783E+005	7.507E+005	8.288E+005
-9	6.453E+005	7.131E+005	7.860E+005
-8	6.142E+005	6.777E+005	7.458E+005
-7	5.848E+005	6.442E+005	7.078E+005
-6	5.571E+005	6.126E+005	6.721E+005
-5	5.308E+005	5.828E+005	6.383E+005
-4	5.059E+005	5.547E+005	6.066E+005
-3	4.824E+005	5.280E+005	5.766E+005
-2	4.601E+005	5.029E+005	5.482E+005
-1	4.390E+005	4.791E+005	5.215E+005
0	4.190E+005	4.566E+005	4.962E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.190E+005	4.566E+005	4.962E+005
1	4.001E+005	4.353E+005	4.724E+005
2	3.821E+005	4.151E+005	4.499E+005
3	3.651E+005	3.960E+005	4.285E+005
4	3.489E+005	3.779E+005	4.083E+005
5	3.335E+005	3.607E+005	3.892E+005
6	3.189E+005	3.444E+005	3.710E+005
7	3.050E+005	3.289E+005	3.538E+005
8	2.917E+005	3.142E+005	3.375E+005
9	2.791E+005	3.002E+005	3.220E+005
10	2.672E+005	2.869E+005	3.073E+005
11	2.558E+005	2.743E+005	2.934E+005
12	2.449E+005	2.623E+005	2.802E+005
13	2.346E+005	2.509E+005	2.676E+005
14	2.247E+005	2.400E+005	2.557E+005
15	2.154E+005	2.297E+005	2.443E+005
16	2.064E+005	2.199E+005	2.336E+005
17	1.979E+005	2.105E+005	2.233E+005
18	1.898E+005	2.016E+005	2.136E+005
19	1.821E+005	1.931E+005	2.044E+005
20	1.747E+005	1.851E+005	1.956E+005
21	1.676E+005	1.774E+005	1.872E+005
22	1.609E+005	1.700E+005	1.792E+005
23	1.545E+005	1.630E+005	1.716E+005
24	1.484E+005	1.564E+005	1.644E+005
25	1.425E+005	1.500E+005	1.575E+005
26	1.366E+005	1.439E+005	1.513E+005
27	1.309E+005	1.381E+005	1.454E+005
28	1.255E+005	1.326E+005	1.397E+005
29	1.203E+005	1.273E+005	1.343E+005
30	1.154E+005	1.222E+005	1.291E+005
31	1.107E+005	1.174E+005	1.242E+005
32	1.062E+005	1.128E+005	1.194E+005
33	1.019E+005	1.084E+005	1.149E+005
34	9.784E+004	1.041E+005	1.106E+005
35	9.394E+004	1.001E+005	1.064E+005
36	9.020E+004	9.623E+004	1.024E+005
37	8.664E+004	9.254E+004	9.859E+004
38	8.323E+004	8.900E+004	9.494E+004
39	7.997E+004	8.562E+004	9.144E+004
40	7.686E+004	8.238E+004	8.808E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	7.686E+004	8.238E+004	8.808E+004
41	7.389E+004	7.929E+004	8.487E+004
42	7.105E+004	7.632E+004	8.179E+004
43	6.833E+004	7.348E+004	7.883E+004
44	6.572E+004	7.077E+004	7.600E+004
45	6.324E+004	6.816E+004	7.329E+004
46	6.085E+004	6.567E+004	7.068E+004
47	5.858E+004	6.328E+004	6.819E+004
48	5.639E+004	6.099E+004	6.579E+004
49	5.431E+004	5.879E+004	6.349E+004
50	5.231E+004	5.669E+004	6.129E+004
51	5.040E+004	5.468E+004	5.918E+004
52	4.857E+004	5.275E+004	5.715E+004
53	4.681E+004	5.090E+004	5.520E+004
54	4.513E+004	4.912E+004	5.333E+004
55	4.352E+004	4.741E+004	5.153E+004
56	4.197E+004	4.577E+004	4.980E+004
57	4.048E+004	4.420E+004	4.814E+004
58	3.905E+004	4.269E+004	4.654E+004
59	3.769E+004	4.123E+004	4.500E+004
60	3.637E+004	3.983E+004	4.352E+004
61	3.510E+004	3.848E+004	4.208E+004
62	3.389E+004	3.719E+004	4.071E+004
63	3.272E+004	3.594E+004	3.938E+004
64	3.160E+004	3.474E+004	3.811E+004
65	3.052E+004	3.359E+004	3.688E+004
66	2.948E+004	3.248E+004	3.570E+004
67	2.849E+004	3.142E+004	3.456E+004
68	2.753E+004	3.039E+004	3.347E+004
69	2.661E+004	2.941E+004	3.241E+004
70	2.573E+004	2.846E+004	3.140E+004
71	2.489E+004	2.755E+004	3.043E+004
72	2.407E+004	2.668E+004	2.949E+004
73	2.329E+004	2.583E+004	2.858E+004
74	2.254E+004	2.502E+004	2.771E+004
75	2.181E+004	2.424E+004	2.687E+004
76	2.111E+004	2.348E+004	2.605E+004
77	2.044E+004	2.275E+004	2.527E+004
78	1.979E+004	2.205E+004	2.451E+004
79	1.916E+004	2.137E+004	2.378E+004
80	1.856E+004	2.072E+004	2.307E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.856E+004	2.072E+004	2.307E+004
81	1.797E+004	2.008E+004	2.238E+004
82	1.741E+004	1.947E+004	2.172E+004
83	1.687E+004	1.888E+004	2.108E+004
84	1.635E+004	1.831E+004	2.047E+004
85	1.584E+004	1.776E+004	1.987E+004
86	1.535E+004	1.723E+004	1.929E+004
87	1.489E+004	1.672E+004	1.874E+004
88	1.443E+004	1.623E+004	1.820E+004
89	1.400E+004	1.575E+004	1.768E+004
90	1.357E+004	1.529E+004	1.717E+004
91	1.317E+004	1.484E+004	1.668E+004
92	1.277E+004	1.441E+004	1.621E+004
93	1.239E+004	1.399E+004	1.576E+004
94	1.202E+004	1.359E+004	1.532E+004
95	1.167E+004	1.320E+004	1.489E+004
96	1.133E+004	1.282E+004	1.448E+004
97	1.100E+004	1.246E+004	1.408E+004
98	1.068E+004	1.211E+004	1.369E+004
99	1.037E+004	1.177E+004	1.332E+004
100	1.007E+004	1.144E+004	1.295E+004
101	9.784E+003	1.112E+004	1.261E+004
102	9.506E+003	1.081E+004	1.227E+004
103	9.237E+003	1.051E+004	1.194E+004
104	8.977E+003	1.023E+004	1.162E+004
105	8.725E+003	9.948E+003	1.131E+004
106	8.482E+003	9.678E+003	1.101E+004
107	8.246E+003	9.416E+003	1.073E+004
108	8.018E+003	9.162E+003	1.044E+004
109	7.797E+003	8.917E+003	1.017E+004
110	7.582E+003	8.678E+003	9.908E+003
111	7.374E+003	8.446E+003	9.650E+003
112	7.172E+003	8.222E+003	9.401E+003
113	6.977E+003	8.004E+003	9.159E+003
114	6.789E+003	7.793E+003	8.925E+003
115	6.606E+003	7.589E+003	8.697E+003
116	6.429E+003	7.391E+003	8.477E+003
117	6.257E+003	7.200E+003	8.263E+003
118	6.092E+003	7.014E+003	8.056E+003
119	5.931E+003	6.834E+003	7.855E+003
120	5.775E+003	6.660E+003	7.660E+003
121	5.624E+003	6.490E+003	7.471E+003
122	5.478E+003	6.326E+003	7.287E+003
123	5.337E+003	6.167E+003	7.109E+003
124	5.200E+003	6.013E+003	6.937E+003
125	5.067E+003	5.864E+003	6.769E+003