NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3E152J [R,B]

RESISTANCE(at25℃)	1500 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3200 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.378E+004	2.738E+004	3.145E+004
-39	2.254E+004	2.590E+004	2.970E+004
-38	2.137E+004	2.452E+004	2.806E+004
-37	2.027E+004	2.322E+004	2.653E+004
-36	1.923E+004	2.199E+004	2.509E+004
-35	1.825E+004	2.084E+004	2.373E+004
-34	1.733E+004	1.975E+004	2.246E+004
-33	1.647E+004	1.873E+004	2.126E+004
-32	1.565E+004	1.777E+004	2.014E+004
-31	1.487E+004	1.687E+004	1.908E+004
-30	1.414E+004	1.601E+004	1.808E+004
-29	1.345E+004	1.520E+004	1.714E+004
-28	1.280E+004	1.444E+004	1.625E+004
-27	1.218E+004	1.372E+004	1.542E+004
-26	1.160E+004	1.304E+004	1.464E+004
-25	1.104E+004	1.241E+004	1.390E+004
-24	1.052E+004	1.180E+004	1.320E+004
-23	1.003E+004	1.123E+004	1.255E+004
-22	9.566E+003	1.070E+004	1.193E+004
-21	9.126E+003	1.019E+004	1.134E+004
-20	8.708E+003	9.707E+003	1.079E+004
-19	8.314E+003	9.253E+003	1.027E+004
-18	7.940E+003	8.824E+003	9.782E+003
-17	7.585E+003	8.417E+003	9.317E+003
-16	7.248E+003	8.032E+003	8.878E+003
-15	6.929E+003	7.667E+003	8.462E+003
-14	6.625E+003	7.320E+003	8.068E+003
-13	6.337E+003	6.992E+003	7.695E+003
-12	6.063E+003	6.680E+003	7.342E+003
-11	5.803E+003	6.384E+003	7.007E+003
-10	5.555E+003	6.104E+003	6.689E+003
-9	5.320E+003	5.837E+003	6.388E+003
-8	5.096E+003	5.583E+003	6.102E+003
-7	4.882E+003	5.342E+003	5.831E+003
-6	4.679E+003	5.113E+003	5.573E+003
-5	4.486E+003	4.895E+003	5.329E+003
-4	4.302E+003	4.688E+003	5.097E+003
-3	4.127E+003	4.492E+003	4.876E+003
-2	3.960E+003	4.304E+003	4.667E+003
-1	3.801E+003	4.126E+003	4.467E+003
0	3.649E+003	3.956E+003	4.278E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.649E+003	3.956E+003	4.278E+003
1	3.505E+003	3.794E+003	4.098E+003
2	3.367E+003	3.640E+003	3.927E+003
3	3.235E+003	3.494E+003	3.764E+003
4	3.109E+003	3.353E+003	3.608E+003
5	2.989E+003	3.220E+003	3.460E+003
6	2.874E+003	3.092E+003	3.319E+003
7	2.764E+003	2.970E+003	3.184E+003
8	2.659E+003	2.854E+003	3.055E+003
9	2.558E+003	2.743E+003	2.933E+003
10	2.462E+003	2.636E+003	2.816E+003
11	2.370E+003	2.535E+003	2.704E+003
12	2.282E+003	2.438E+003	2.598E+003
13	2.198E+003	2.345E+003	2.496E+003
14	2.117E+003	2.256E+003	2.399E+003
15	2.040E+003	2.172E+003	2.306E+003
16	1.966E+003	2.090E+003	2.217E+003
17	1.895E+003	2.013E+003	2.132E+003
18	1.828E+003	1.939E+003	2.051E+003
19	1.763E+003	1.868E+003	1.974E+003
20	1.700E+003	1.800E+003	1.900E+003
21	1.641E+003	1.734E+003	1.829E+003
22	1.583E+003	1.672E+003	1.761E+003
23	1.528E+003	1.612E+003	1.697E+003
24	1.476E+003	1.555E+003	1.634E+003
25	1.425E+003	1.500E+003	1.575E+003
26	1.373E+003	1.447E+003	1.521E+003
27	1.324E+003	1.397E+003	1.470E+003
28	1.277E+003	1.348E+003	1.420E+003
29	1.232E+003	1.302E+003	1.373E+003
30	1.188E+003	1.257E+003	1.327E+003
31	1.146E+003	1.214E+003	1.283E+003
32	1.106E+003	1.173E+003	1.241E+003
33	1.068E+003	1.134E+003	1.201E+003
34	1.031E+003	1.096E+003	1.162E+003
35	9.961E+002	1.060E+003	1.124E+003
36	9.623E+002	1.025E+003	1.088E+003
37	9.297E+002	9.909E+002	1.054E+003
38	8.985E+002	9.586E+002	1.020E+003
39	8.685E+002	9.275E+002	9.881E+002
40	8.397E+002	8.976E+002	9.572E+002

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	8.397E+002	8.976E+002	9.572E+002
41	8.120E+002	8.689E+002	9.274E+002
42	7.854E+002	8.412E+002	8.988E+002
43	7.598E+002	8.146E+002	8.712E+002
44	7.352E+002	7.890E+002	8.446E+002
45	7.116E+002	7.643E+002	8.189E+002
46	6.888E+002	7.406E+002	7.942E+002
47	6.669E+002	7.177E+002	7.704E+002
48	6.458E+002	6.956E+002	7.474E+002
49	6.254E+002	6.744E+002	7.253E+002
50	6.059E+002	6.539E+002	7.039E+002
51	5.870E+002	6.341E+002	6.832E+002
52	5.688E+002	6.150E+002	6.632E+002
53	5.513E+002	5.966E+002	6.440E+002
54	5.344E+002	5.789E+002	6.254E+002
55	5.182E+002	5.617E+002	6.075E+002
56	5.025E+002	5.452E+002	5.901E+002
57	4.874E+002	5.293E+002	5.734E+002
58	4.728E+002	5.139E+002	5.572E+002
59	4.587E+002	4.990E+002	5.416E+002
60	4.452E+002	4.847E+002	5.264E+002
61	4.320E+002	4.708E+002	5.118E+002
62	4.194E+002	4.575E+002	4.977E+002
63	4.072E+002	4.445E+002	4.841E+002
64	3.954E+002	4.320E+002	4.708E+002
65	3.840E+002	4.200E+002	4.581E+002
66	3.731E+002	4.083E+002	4.457E+002
67	3.625E+002	3.970E+002	4.338E+002
68	3.522E+002	3.861E+002	4.222E+002
69	3.423E+002	3.756E+002	4.110E+002
70	3.327E+002	3.654E+002	4.002E+002
71	3.235E+002	3.555E+002	3.897E+002
72	3.146E+002	3.460E+002	3.795E+002
73	3.059E+002	3.367E+002	3.697E+002
74	2.976E+002	3.278E+002	3.602E+002
75	2.895E+002	3.192E+002	3.510E+002
76	2.817E+002	3.108E+002	3.420E+002
77	2.741E+002	3.027E+002	3.334E+002
78	2.668E+002	2.948E+002	3.250E+002
79	2.597E+002	2.872E+002	3.169E+002
80	2.529E+002	2.799E+002	3.090E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.529E+002	2.799E+002	3.090E+002
81	2.463E+002	2.728E+002	3.014E+002
82	2.399E+002	2.659E+002	2.940E+002
83	2.337E+002	2.592E+002	2.868E+002
84	2.276E+002	2.527E+002	2.799E+002
85	2.218E+002	2.464E+002	2.731E+002
86	2.162E+002	2.403E+002	2.665E+002
87	2.107E+002	2.344E+002	2.602E+002
88	2.054E+002	2.287E+002	2.540E+002
89	2.002E+002	2.231E+002	2.480E+002
90	1.952E+002	2.177E+002	2.422E+002
91	1.904E+002	2.125E+002	2.365E+002
92	1.857E+002	2.074E+002	2.310E+002
93	1.811E+002	2.024E+002	2.256E+002
94	1.767E+002	1.976E+002	2.204E+002
95	1.724E+002	1.929E+002	2.154E+002
96	1.682E+002	1.884E+002	2.105E+002
97	1.642E+002	1.840E+002	2.057E+002
98	1.602E+002	1.797E+002	2.010E+002
99	1.564E+002	1.755E+002	1.965E+002
100	1.527E+002	1.715E+002	1.921E+002
101	1.491E+002	1.675E+002	1.878E+002
102	1.456E+002	1.637E+002	1.836E+002
103	1.422E+002	1.600E+002	1.796E+002
104	1.388E+002	1.564E+002	1.756E+002
105	1.356E+002	1.528E+002	1.718E+002
106	1.325E+002	1.494E+002	1.680E+002
107	1.295E+002	1.461E+002	1.644E+002
108	1.265E+002	1.428E+002	1.609E+002
109	1.236E+002	1.397E+002	1.574E+002
110	1.209E+002	1.366E+002	1.541E+002
111	1.181E+002	1.337E+002	1.508E+002
112	1.155E+002	1.308E+002	1.477E+002
113	1.130E+002	1.279E+002	1.446E+002
114	1.105E+002	1.252E+002	1.416E+002
115	1.080E+002	1.225E+002	1.386E+002
116	1.057E+002	1.199E+002	1.358E+002
117	1.034E+002	1.174E+002	1.330E+002
118	1.012E+002	1.150E+002	1.303E+002
119	9.900E+001	1.126E+002	1.277E+002
120	9.690E+001	1.102E+002	1.251E+002
121	9.484E+001	1.080E+002	1.226E+002
122	9.285E+001	1.058E+002	1.202E+002
123	9.091E+001	1.036E+002	1.178E+002
124	8.901E+001	1.015E+002	1.155E+002
125	8.717E+001	9.949E+001	1.133E+002