NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3I332J [R,B]

RESISTANCE(at25℃)	3300 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3420 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.507E+004	7.539E+004	8.713E+004
-39	6.135E+004	7.095E+004	8.184E+004
-38	5.788E+004	6.681E+004	7.692E+004
-37	5.463E+004	6.294E+004	7.234E+004
-36	5.159E+004	5.933E+004	6.806E+004
-35	4.874E+004	5.595E+004	6.407E+004
-34	4.607E+004	5.279E+004	6.034E+004
-33	4.356E+004	4.983E+004	5.686E+004
-32	4.122E+004	4.706E+004	5.360E+004
-31	3.901E+004	4.447E+004	5.056E+004
-30	3.694E+004	4.204E+004	4.771E+004
-29	3.501E+004	3.976E+004	4.505E+004
-28	3.319E+004	3.763E+004	4.256E+004
-27	3.147E+004	3.562E+004	4.023E+004
-26	2.985E+004	3.374E+004	3.803E+004
-25	2.833E+004	3.196E+004	3.597E+004
-24	2.690E+004	3.030E+004	3.404E+004
-23	2.554E+004	2.872E+004	3.222E+004
-22	2.427E+004	2.724E+004	3.051E+004
-21	2.306E+004	2.585E+004	2.890E+004
-20	2.193E+004	2.454E+004	2.739E+004
-19	2.085E+004	2.329E+004	2.596E+004
-18	1.983E+004	2.212E+004	2.462E+004
-17	1.887E+004	2.102E+004	2.335E+004
-16	1.797E+004	1.998E+004	2.216E+004
-15	1.711E+004	1.900E+004	2.104E+004
-14	1.630E+004	1.807E+004	1.999E+004
-13	1.554E+004	1.720E+004	1.899E+004
-12	1.481E+004	1.637E+004	1.805E+004
-11	1.413E+004	1.559E+004	1.716E+004
-10	1.348E+004	1.485E+004	1.633E+004
-9	1.286E+004	1.415E+004	1.554E+004
-8	1.228E+004	1.349E+004	1.479E+004
-7	1.173E+004	1.287E+004	1.408E+004
-6	1.121E+004	1.228E+004	1.342E+004
-5	1.071E+004	1.172E+004	1.278E+004
-4	1.024E+004	1.118E+004	1.219E+004
-3	9.790E+003	1.068E+004	1.162E+004
-2	9.365E+003	1.020E+004	1.108E+004
-1	8.961E+003	9.747E+003	1.058E+004
0	8.576E+003	9.317E+003	1.010E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.576E+003	9.317E+003	1.010E+004
1	8.211E+003	8.908E+003	9.639E+003
2	7.864E+003	8.520E+003	9.207E+003
3	7.534E+003	8.151E+003	8.796E+003
4	7.219E+003	7.800E+003	8.406E+003
5	6.920E+003	7.467E+003	8.036E+003
6	6.635E+003	7.150E+003	7.685E+003
7	6.363E+003	6.848E+003	7.351E+003
8	6.104E+003	6.561E+003	7.034E+003
9	5.858E+003	6.287E+003	6.732E+003
10	5.622E+003	6.027E+003	6.445E+003
11	5.398E+003	5.779E+003	6.172E+003
12	5.184E+003	5.543E+003	5.912E+003
13	4.979E+003	5.318E+003	5.665E+003
14	4.784E+003	5.103E+003	5.429E+003
15	4.598E+003	4.898E+003	5.205E+003
16	4.420E+003	4.703E+003	4.992E+003
17	4.251E+003	4.517E+003	4.788E+003
18	4.088E+003	4.339E+003	4.594E+003
19	3.933E+003	4.170E+003	4.409E+003
20	3.785E+003	4.008E+003	4.233E+003
21	3.643E+003	3.853E+003	4.065E+003
22	3.508E+003	3.705E+003	3.904E+003
23	3.378E+003	3.564E+003	3.751E+003
24	3.254E+003	3.429E+003	3.605E+003
25	3.135E+003	3.300E+003	3.465E+003
26	3.014E+003	3.177E+003	3.339E+003
27	2.899E+003	3.058E+003	3.219E+003
28	2.788E+003	2.945E+003	3.103E+003
29	2.683E+003	2.837E+003	2.993E+003
30	2.582E+003	2.733E+003	2.886E+003
31	2.486E+003	2.634E+003	2.785E+003
32	2.393E+003	2.539E+003	2.687E+003
33	2.305E+003	2.448E+003	2.594E+003
34	2.220E+003	2.361E+003	2.504E+003
35	2.139E+003	2.277E+003	2.418E+003
36	2.062E+003	2.197E+003	2.335E+003
37	1.987E+003	2.120E+003	2.256E+003
38	1.916E+003	2.046E+003	2.179E+003
39	1.848E+003	1.975E+003	2.106E+003
40	1.782E+003	1.907E+003	2.036E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.782E+003	1.907E+003	2.036E+003
41	1.719E+003	1.842E+003	1.968E+003
42	1.659E+003	1.779E+003	1.903E+003
43	1.601E+003	1.719E+003	1.841E+003
44	1.546E+003	1.661E+003	1.781E+003
45	1.493E+003	1.606E+003	1.723E+003
46	1.442E+003	1.552E+003	1.667E+003
47	1.393E+003	1.501E+003	1.614E+003
48	1.346E+003	1.452E+003	1.562E+003
49	1.300E+003	1.404E+003	1.513E+003
50	1.257E+003	1.359E+003	1.465E+003
51	1.215E+003	1.315E+003	1.419E+003
52	1.175E+003	1.272E+003	1.375E+003
53	1.136E+003	1.232E+003	1.332E+003
54	1.099E+003	1.193E+003	1.291E+003
55	1.063E+003	1.155E+003	1.251E+003
56	1.029E+003	1.119E+003	1.213E+003
57	9.957E+002	1.084E+003	1.176E+003
58	9.639E+002	1.050E+003	1.141E+003
59	9.333E+002	1.018E+003	1.107E+003
60	9.039E+002	9.865E+002	1.074E+003
61	8.756E+002	9.565E+002	1.042E+003
62	8.483E+002	9.276E+002	1.012E+003
63	8.221E+002	8.997E+002	9.822E+002
64	7.969E+002	8.729E+002	9.537E+002
65	7.725E+002	8.470E+002	9.263E+002
66	7.491E+002	8.220E+002	8.998E+002
67	7.265E+002	7.979E+002	8.742E+002
68	7.047E+002	7.747E+002	8.495E+002
69	6.837E+002	7.523E+002	8.256E+002
70	6.635E+002	7.306E+002	8.026E+002
71	6.440E+002	7.098E+002	7.804E+002
72	6.252E+002	6.897E+002	7.589E+002
73	6.070E+002	6.702E+002	7.381E+002
74	5.895E+002	6.514E+002	7.181E+002
75	5.726E+002	6.333E+002	6.986E+002
76	5.563E+002	6.157E+002	6.799E+002
77	5.405E+002	5.988E+002	6.617E+002
78	5.253E+002	5.824E+002	6.441E+002
79	5.105E+002	5.665E+002	6.271E+002
80	4.963E+002	5.512E+002	6.106E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	4.963E+002	5.512E+002	6.106E+002
81	4.825E+002	5.363E+002	5.946E+002
82	4.692E+002	5.220E+002	5.792E+002
83	4.563E+002	5.080E+002	5.642E+002
84	4.439E+002	4.946E+002	5.497E+002
85	4.319E+002	4.816E+002	5.357E+002
86	4.202E+002	4.690E+002	5.221E+002
87	4.090E+002	4.568E+002	5.089E+002
88	3.981E+002	4.450E+002	4.961E+002
89	3.876E+002	4.335E+002	4.838E+002
90	3.774E+002	4.225E+002	4.718E+002
91	3.675E+002	4.118E+002	4.602E+002
92	3.580E+002	4.014E+002	4.490E+002
93	3.488E+002	3.914E+002	4.380E+002
94	3.398E+002	3.816E+002	4.275E+002
95	3.312E+002	3.722E+002	4.172E+002
96	3.228E+002	3.630E+002	4.072E+002
97	3.146E+002	3.541E+002	3.976E+002
98	3.068E+002	3.455E+002	3.882E+002
99	2.991E+002	3.371E+002	3.791E+002
100	2.917E+002	3.290E+002	3.702E+002
101	2.845E+002	3.212E+002	3.616E+002
102	2.775E+002	3.135E+002	3.533E+002
103	2.708E+002	3.061E+002	3.452E+002
104	2.642E+002	2.989E+002	3.373E+002
105	2.579E+002	2.919E+002	3.297E+002
106	2.517E+002	2.851E+002	3.222E+002
107	2.457E+002	2.785E+002	3.150E+002
108	2.398E+002	2.721E+002	3.079E+002
109	2.342E+002	2.659E+002	3.011E+002
110	2.287E+002	2.598E+002	2.944E+002
111	2.233E+002	2.539E+002	2.879E+002
112	2.181E+002	2.481E+002	2.816E+002
113	2.131E+002	2.426E+002	2.755E+002
114	2.081E+002	2.371E+002	2.695E+002
115	2.034E+002	2.319E+002	2.637E+002
116	1.987E+002	2.267E+002	2.580E+002
117	1.942E+002	2.217E+002	2.525E+002
118	1.899E+002	2.169E+002	2.472E+002
119	1.856E+002	2.122E+002	2.419E+002
120	1.815E+002	2.076E+002	2.369E+002
121	1.775E+002	2.031E+002	2.319E+002
122	1.736E+002	1.988E+002	2.271E+002
123	1.698E+002	1.946E+002	2.224E+002
124	1.661E+002	1.904E+002	2.179E+002
125	1.625E+002	1.864E+002	2.134E+002