NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC05-4C332J [R,B]

RESISTANCE(at25℃)	3300 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	4100 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.354E+005	1.599E+005	1.883E+005
-39	1.259E+005	1.484E+005	1.744E+005
-38	1.172E+005	1.378E+005	1.616E+005
-37	1.091E+005	1.280E+005	1.497E+005
-36	1.016E+005	1.189E+005	1.389E+005
-35	9.470E+004	1.106E+005	1.289E+005
-34	8.829E+004	1.029E+005	1.196E+005
-33	8.236E+004	9.578E+004	1.111E+005
-32	7.687E+004	8.920E+004	1.033E+005
-31	7.177E+004	8.311E+004	9.600E+004
-30	6.705E+004	7.748E+004	8.931E+004
-29	6.265E+004	7.224E+004	8.310E+004
-28	5.856E+004	6.740E+004	7.737E+004
-27	5.478E+004	6.291E+004	7.207E+004
-26	5.127E+004	5.876E+004	6.718E+004
-25	4.800E+004	5.491E+004	6.265E+004
-24	4.497E+004	5.134E+004	5.846E+004
-23	4.215E+004	4.803E+004	5.458E+004
-22	3.953E+004	4.495E+004	5.099E+004
-21	3.709E+004	4.209E+004	4.765E+004
-20	3.482E+004	3.944E+004	4.456E+004
-19	3.270E+004	3.697E+004	4.169E+004
-18	3.073E+004	3.467E+004	3.903E+004
-17	2.889E+004	3.254E+004	3.655E+004
-16	2.717E+004	3.055E+004	3.425E+004
-15	2.557E+004	2.869E+004	3.211E+004
-14	2.407E+004	2.696E+004	3.012E+004
-13	2.267E+004	2.534E+004	2.827E+004
-12	2.136E+004	2.384E+004	2.654E+004
-11	2.014E+004	2.243E+004	2.493E+004
-10	1.899E+004	2.112E+004	2.342E+004
-9	1.792E+004	1.989E+004	2.203E+004
-8	1.692E+004	1.874E+004	2.072E+004
-7	1.597E+004	1.767E+004	1.950E+004
-6	1.509E+004	1.667E+004	1.836E+004
-5	1.426E+004	1.572E+004	1.729E+004
-4	1.349E+004	1.484E+004	1.629E+004
-3	1.276E+004	1.402E+004	1.536E+004
-2	1.207E+004	1.324E+004	1.448E+004
-1	1.143E+004	1.251E+004	1.367E+004
0	1.082E+004	1.183E+004	1.290E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.082E+004	1.183E+004	1.290E+004
1	1.025E+004	1.119E+004	1.218E+004
2	9.717E+003	1.059E+004	1.151E+004
3	9.213E+003	1.002E+004	1.087E+004
4	8.738E+003	9.490E+003	1.028E+004
5	8.291E+003	8.990E+003	9.724E+003
6	7.870E+003	8.520E+003	9.201E+003
7	7.473E+003	8.078E+003	8.709E+003
8	7.099E+003	7.661E+003	8.247E+003
9	6.746E+003	7.269E+003	7.813E+003
10	6.413E+003	6.900E+003	7.405E+003
11	6.098E+003	6.551E+003	7.020E+003
12	5.802E+003	6.223E+003	6.658E+003
13	5.521E+003	5.913E+003	6.317E+003
14	5.256E+003	5.621E+003	5.996E+003
15	5.006E+003	5.346E+003	5.694E+003
16	4.770E+003	5.086E+003	5.409E+003
17	4.546E+003	4.840E+003	5.140E+003
18	4.334E+003	4.608E+003	4.887E+003
19	4.134E+003	4.389E+003	4.647E+003
20	3.944E+003	4.181E+003	4.421E+003
21	3.765E+003	3.985E+003	4.208E+003
22	3.595E+003	3.800E+003	4.006E+003
23	3.433E+003	3.624E+003	3.816E+003
24	3.280E+003	3.458E+003	3.636E+003
25	3.135E+003	3.300E+003	3.465E+003
26	2.989E+003	3.151E+003	3.313E+003
27	2.851E+003	3.009E+003	3.168E+003
28	2.720E+003	2.875E+003	3.031E+003
29	2.596E+003	2.747E+003	2.900E+003
30	2.478E+003	2.626E+003	2.777E+003
31	2.367E+003	2.512E+003	2.659E+003
32	2.261E+003	2.403E+003	2.547E+003
33	2.161E+003	2.299E+003	2.440E+003
34	2.066E+003	2.201E+003	2.339E+003
35	1.975E+003	2.107E+003	2.243E+003
36	1.890E+003	2.018E+003	2.151E+003
37	1.808E+003	1.934E+003	2.063E+003
38	1.731E+003	1.853E+003	1.980E+003
39	1.657E+003	1.777E+003	1.901E+003
40	1.587E+003	1.704E+003	1.825E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.587E+003	1.704E+003	1.825E+003
41	1.521E+003	1.635E+003	1.753E+003
42	1.457E+003	1.568E+003	1.684E+003
43	1.397E+003	1.505E+003	1.618E+003
44	1.340E+003	1.445E+003	1.556E+003
45	1.285E+003	1.388E+003	1.496E+003
46	1.233E+003	1.333E+003	1.439E+003
47	1.183E+003	1.281E+003	1.384E+003
48	1.136E+003	1.232E+003	1.332E+003
49	1.091E+003	1.184E+003	1.282E+003
50	1.048E+003	1.139E+003	1.235E+003
51	1.007E+003	1.096E+003	1.189E+003
52	9.680E+002	1.054E+003	1.146E+003
53	9.307E+002	1.015E+003	1.104E+003
54	8.951E+002	9.773E+002	1.064E+003
55	8.611E+002	9.412E+002	1.026E+003
56	8.286E+002	9.067E+002	9.898E+002
57	7.975E+002	8.737E+002	9.548E+002
58	7.678E+002	8.421E+002	9.213E+002
59	7.394E+002	8.118E+002	8.892E+002
60	7.122E+002	7.829E+002	8.584E+002
61	6.862E+002	7.551E+002	8.289E+002
62	6.613E+002	7.285E+002	8.006E+002
63	6.374E+002	7.030E+002	7.734E+002
64	6.146E+002	6.786E+002	7.473E+002
65	5.927E+002	6.551E+002	7.223E+002
66	5.718E+002	6.326E+002	6.982E+002
67	5.517E+002	6.111E+002	6.751E+002
68	5.324E+002	5.903E+002	6.530E+002
69	5.139E+002	5.705E+002	6.316E+002
70	4.962E+002	5.514E+002	6.111E+002
71	4.792E+002	5.330E+002	5.914E+002
72	4.628E+002	5.154E+002	5.724E+002
73	4.472E+002	4.984E+002	5.541E+002
74	4.321E+002	4.821E+002	5.366E+002
75	4.177E+002	4.665E+002	5.197E+002
76	4.038E+002	4.514E+002	5.035E+002
77	3.905E+002	4.370E+002	4.878E+002
78	3.777E+002	4.231E+002	4.728E+002
79	3.654E+002	4.097E+002	4.583E+002
80	3.535E+002	3.968E+002	4.443E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	3.535E+002	3.968E+002	4.443E+002
81	3.422E+002	3.845E+002	4.309E+002
82	3.313E+002	3.726E+002	4.180E+002
83	3.208E+002	3.611E+002	4.055E+002
84	3.107E+002	3.501E+002	3.935E+002
85	3.010E+002	3.395E+002	3.819E+002
86	2.916E+002	3.292E+002	3.708E+002
87	2.826E+002	3.193E+002	3.600E+002
88	2.739E+002	3.098E+002	3.495E+002
89	2.655E+002	3.006E+002	3.395E+002
90	2.574E+002	2.917E+002	3.298E+002
91	2.496E+002	2.831E+002	3.203E+002
92	2.420E+002	2.748E+002	3.112E+002
93	2.347E+002	2.668E+002	3.024E+002
94	2.277E+002	2.590E+002	2.939E+002
95	2.210E+002	2.516E+002	2.857E+002
96	2.145E+002	2.444E+002	2.778E+002
97	2.082E+002	2.375E+002	2.702E+002
98	2.022E+002	2.308E+002	2.628E+002
99	1.963E+002	2.243E+002	2.557E+002
100	1.907E+002	2.181E+002	2.488E+002
101	1.853E+002	2.121E+002	2.422E+002
102	1.801E+002	2.064E+002	2.358E+002
103	1.751E+002	2.008E+002	2.296E+002
104	1.702E+002	1.954E+002	2.236E+002
105	1.655E+002	1.901E+002	2.178E+002
106	1.610E+002	1.851E+002	2.122E+002
107	1.566E+002	1.802E+002	2.068E+002
108	1.523E+002	1.754E+002	2.015E+002
109	1.482E+002	1.708E+002	1.964E+002
110	1.442E+002	1.664E+002	1.914E+002
111	1.404E+002	1.620E+002	1.866E+002
112	1.366E+002	1.578E+002	1.819E+002
113	1.330E+002	1.538E+002	1.774E+002
114	1.295E+002	1.499E+002	1.730E+002
115	1.261E+002	1.460E+002	1.687E+002
116	1.228E+002	1.424E+002	1.646E+002
117	1.196E+002	1.388E+002	1.606E+002
118	1.165E+002	1.353E+002	1.567E+002
119	1.135E+002	1.319E+002	1.529E+002
120	1.107E+002	1.287E+002	1.493E+002
121	1.079E+002	1.255E+002	1.457E+002
122	1.051E+002	1.225E+002	1.423E+002
123	1.025E+002	1.195E+002	1.390E+002
124	9.996E+001	1.166E+002	1.357E+002
125	9.748E+001	1.138E+002	1.326E+002