NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3N333F[R,B]

RESISTANCE(at25℃)	33000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3650 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.737E+05	7.041E+05	7.359E+05
-39	6.357E+05	6.640E+05	6.934E+05
-38	6.001E+05	6.264E+05	6.537E+05
-37	5.667E+05	5.912E+05	6.166E+05
-36	5.355E+05	5.582E+05	5.818E+05
-35	5.062E+05	5.273E+05	5.492E+05
-34	4.787E+05	4.983E+05	5.187E+05
-33	4.528E+05	4.711E+05	4.901E+05
-32	4.286E+05	4.456E+05	4.633E+05
-31	4.058E+05	4.217E+05	4.382E+05
-30	3.844E+05	3.992E+05	4.145E+05
-29	3.642E+05	3.780E+05	3.923E+05
-28	3.452E+05	3.581E+05	3.713E+05
-27	3.274E+05	3.394E+05	3.517E+05
-26	3.106E+05	3.218E+05	3.333E+05
-25	2.948E+05	3.052E+05	3.160E+05
-24	2.799E+05	2.896E+05	2.997E+05
-23	2.659E+05	2.750E+05	2.843E+05
-22	2.527E+05	2.612E+05	2.699E+05
-21	2.403E+05	2.482E+05	2.563E+05
-20	2.285E+05	2.359E+05	2.435E+05
-19	2.174E+05	2.243E+05	2.314E+05
-18	2.070E+05	2.134E+05	2.201E+05
-17	1.971E+05	2.031E+05	2.093E+05
-16	1.877E+05	1.934E+05	1.992E+05
-15	1.789E+05	1.842E+05	1.896E+05
-14	1.705E+05	1.755E+05	1.805E+05
-13	1.626E+05	1.672E+05	1.719E+05
-12	1.551E+05	1.594E+05	1.638E+05
-11	1.480E+05	1.520E+05	1.562E+05
-10	1.413E+05	1.451E+05	1.489E+05
-9	1.348E+05	1.384E+05	1.420E+05
-8	1.287E+05	1.320E+05	1.354E+05
-7	1.230E+05	1.260E+05	1.292E+05
-6	1.175E+05	1.204E+05	1.233E+05
-5	1.123E+05	1.150E+05	1.178E+05
-4	1.074E+05	1.099E+05	1.125E+05
-3	1.028E+05	1.051E+05	1.075E+05
-2	9.836E+04	1.006E+05	1.028E+05
-1	9.416E+04	9.623E+04	9.834E+04
0	9.018E+04	9.211E+04	9.408E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.018E+04	9.211E+04	9.408E+04
1	8.636E+04	8.817E+04	9.002E+04
2	8.274E+04	8.443E+04	8.616E+04
3	7.930E+04	8.088E+04	8.249E+04
4	7.603E+04	7.751E+04	7.901E+04
5	7.291E+04	7.430E+04	7.571E+04
6	6.994E+04	7.124E+04	7.256E+04
7	6.712E+04	6.833E+04	6.956E+04
8	6.442E+04	6.556E+04	6.670E+04
9	6.185E+04	6.291E+04	6.398E+04
10	5.939E+04	6.038E+04	6.138E+04
11	5.707E+04	5.800E+04	5.893E+04
12	5.485E+04	5.571E+04	5.658E+04
13	5.270E+04	5.351E+04	5.432E+04
14	5.064E+04	5.139E+04	5.215E+04
15	4.866E+04	4.936E+04	5.007E+04
16	4.675E+04	4.741E+04	4.806E+04
17	4.492E+04	4.553E+04	4.614E+04
18	4.316E+04	4.373E+04	4.430E+04
19	4.147E+04	4.200E+04	4.253E+04
20	3.985E+04	4.034E+04	4.083E+04
21	3.829E+04	3.875E+04	3.920E+04
22	3.680E+04	3.722E+04	3.764E+04
23	3.537E+04	3.575E+04	3.614E+04
24	3.399E+04	3.435E+04	3.471E+04
25	3.267E+04	3.300E+04	3.333E+04
26	3.138E+04	3.171E+04	3.204E+04
27	3.014E+04	3.047E+04	3.080E+04
28	2.896E+04	2.929E+04	2.961E+04
29	2.782E+04	2.815E+04	2.848E+04
30	2.674E+04	2.706E+04	2.739E+04
31	2.570E+04	2.602E+04	2.635E+04
32	2.471E+04	2.503E+04	2.535E+04
33	2.376E+04	2.408E+04	2.439E+04
34	2.285E+04	2.316E+04	2.348E+04
35	2.198E+04	2.229E+04	2.260E+04
36	2.115E+04	2.145E+04	2.176E+04
37	2.035E+04	2.065E+04	2.096E+04
38	1.958E+04	1.988E+04	2.018E+04
39	1.885E+04	1.915E+04	1.944E+04
40	1.815E+04	1.844E+04	1.874E+04

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3N333F[R,B]

RESISTANCE(at25℃)	33000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3650 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.815E+04	1.844E+04	1.874E+04
41	1.748E+04	1.777E+04	1.806E+04
42	1.684E+04	1.712E+04	1.740E+04
43	1.622E+04	1.650E+04	1.678E+04
44	1.563E+04	1.590E+04	1.618E+04
45	1.506E+04	1.533E+04	1.560E+04
46	1.452E+04	1.478E+04	1.505E+04
47	1.400E+04	1.426E+04	1.452E+04
48	1.349E+04	1.375E+04	1.401E+04
49	1.301E+04	1.327E+04	1.352E+04
50	1.255E+04	1.280E+04	1.305E+04
51	1.211E+04	1.235E+04	1.260E+04
52	1.168E+04	1.192E+04	1.216E+04
53	1.127E+04	1.150E+04	1.174E+04
54	1.088E+04	1.111E+04	1.134E+04
55	1.050E+04	1.072E+04	1.095E+04
56	1.014E+04	1.036E+04	1.058E+04
57	9.787E+03	1.000E+04	1.022E+04
58	9.452E+03	9.665E+03	9.881E+03
59	9.131E+03	9.339E+03	9.552E+03
60	8.822E+03	9.026E+03	9.235E+03
61	8.527E+03	8.727E+03	8.932E+03
62	8.243E+03	8.440E+03	8.640E+03
63	7.970E+03	8.163E+03	8.359E+03
64	7.707E+03	7.896E+03	8.089E+03
65	7.454E+03	7.640E+03	7.829E+03
66	7.211E+03	7.392E+03	7.578E+03
67	6.977E+03	7.154E+03	7.336E+03
68	6.751E+03	6.925E+03	7.103E+03
69	6.533E+03	6.704E+03	6.878E+03
70	6.324E+03	6.491E+03	6.662E+03
71	6.122E+03	6.286E+03	6.453E+03
72	5.927E+03	6.087E+03	6.252E+03
73	5.739E+03	5.896E+03	6.057E+03
74	5.558E+03	5.712E+03	5.870E+03
75	5.384E+03	5.535E+03	5.689E+03
76	5.216E+03	5.364E+03	5.515E+03
77	5.054E+03	5.198E+03	5.347E+03
78	4.897E+03	5.039E+03	5.184E+03
79	4.747E+03	4.885E+03	5.028E+03
80	4.601E+03	4.737E+03	4.877E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	4.601E+03	4.737E+03	4.877E+03
81	4.461E+03	4.594E+03	4.730E+03
82	4.325E+03	4.455E+03	4.589E+03
83	4.194E+03	4.322E+03	4.453E+03
84	4.068E+03	4.193E+03	4.321E+03
85	3.946E+03	4.068E+03	4.194E+03
86	3.828E+03	3.948E+03	4.072E+03
87	3.715E+03	3.832E+03	3.953E+03
88	3.605E+03	3.720E+03	3.838E+03
89	3.499E+03	3.612E+03	3.728E+03
90	3.397E+03	3.507E+03	3.621E+03
91	3.298E+03	3.406E+03	3.517E+03
92	3.202E+03	3.308E+03	3.417E+03
93	3.110E+03	3.214E+03	3.320E+03
94	3.021E+03	3.122E+03	3.227E+03
95	2.935E+03	3.034E+03	3.137E+03
96	2.852E+03	2.949E+03	3.049E+03
97	2.771E+03	2.867E+03	2.965E+03
98	2.694E+03	2.787E+03	2.884E+03
99	2.619E+03	2.710E+03	2.805E+03
100	2.546E+03	2.636E+03	2.729E+03
101	2.476E+03	2.564E+03	2.655E+03
102	2.409E+03	2.495E+03	2.584E+03
103	2.343E+03	2.428E+03	2.515E+03
104	2.280E+03	2.363E+03	2.449E+03
105	2.219E+03	2.300E+03	2.384E+03
106	2.160E+03	2.239E+03	2.322E+03
107	2.102E+03	2.180E+03	2.261E+03
108	2.047E+03	2.123E+03	2.202E+03
109	1.993E+03	2.068E+03	2.146E+03
110	1.941E+03	2.014E+03	2.090E+03
111	1.890E+03	1.962E+03	2.037E+03
112	1.841E+03	1.912E+03	1.985E+03
113	1.794E+03	1.863E+03	1.935E+03
114	1.748E+03	1.816E+03	1.887E+03
115	1.703E+03	1.770E+03	1.839E+03
116	1.660E+03	1.726E+03	1.794E+03
117	1.618E+03	1.683E+03	1.749E+03
118	1.578E+03	1.641E+03	1.706E+03
119	1.538E+03	1.600E+03	1.664E+03
120	1.500E+03	1.561E+03	1.624E+03
121	1.463E+03	1.522E+03	1.584E+03
122	1.427E+03	1.485E+03	1.546E+03
123	1.392E+03	1.449E+03	1.509E+03
124	1.358E+03	1.414E+03	1.473E+03
125	1.325E+03	1.380E+03	1.438E+03