NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3N682F[R,B]

RESISTANCE(at25℃)	6800 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3670 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.953E+05	2.041E+05	2.134E+05
-39	1.829E+05	1.911E+05	1.996E+05
-38	1.715E+05	1.790E+05	1.869E+05
-37	1.608E+05	1.678E+05	1.750E+05
-36	1.509E+05	1.573E+05	1.640E+05
-35	1.417E+05	1.476E+05	1.538E+05
-34	1.331E+05	1.386E+05	1.443E+05
-33	1.251E+05	1.301E+05	1.354E+05
-32	1.176E+05	1.223E+05	1.271E+05
-31	1.106E+05	1.149E+05	1.194E+05
-30	1.041E+05	1.081E+05	1.123E+05
-29	9.799E+04	1.017E+05	1.056E+05
-28	9.230E+04	9.574E+04	9.931E+04
-27	8.698E+04	9.017E+04	9.347E+04
-26	8.200E+04	8.496E+04	8.802E+04
-25	7.735E+04	8.009E+04	8.293E+04
-24	7.299E+04	7.554E+04	7.816E+04
-23	6.891E+04	7.127E+04	7.371E+04
-22	6.509E+04	6.728E+04	6.954E+04
-21	6.151E+04	6.354E+04	6.563E+04
-20	5.815E+04	6.003E+04	6.197E+04
-19	5.499E+04	5.674E+04	5.855E+04
-18	5.203E+04	5.366E+04	5.533E+04
-17	4.925E+04	5.076E+04	5.232E+04
-16	4.664E+04	4.804E+04	4.949E+04
-15	4.418E+04	4.549E+04	4.683E+04
-14	4.187E+04	4.309E+04	4.433E+04
-13	3.970E+04	4.083E+04	4.198E+04
-12	3.765E+04	3.870E+04	3.978E+04
-11	3.572E+04	3.670E+04	3.770E+04
-10	3.391E+04	3.482E+04	3.574E+04
-9	3.220E+04	3.304E+04	3.391E+04
-8	3.059E+04	3.137E+04	3.217E+04
-7	2.906E+04	2.980E+04	3.054E+04
-6	2.763E+04	2.831E+04	2.900E+04
-5	2.627E+04	2.691E+04	2.755E+04
-4	2.499E+04	2.558E+04	2.618E+04
-3	2.378E+04	2.433E+04	2.489E+04
-2	2.264E+04	2.315E+04	2.367E+04
-1	2.155E+04	2.203E+04	2.251E+04
0	2.053E+04	2.097E+04	2.142E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.053E+04	2.097E+04	2.142E+04
1	1.956E+04	1.997E+04	2.039E+04
2	1.865E+04	1.903E+04	1.942E+04
3	1.778E+04	1.813E+04	1.850E+04
4	1.696E+04	1.729E+04	1.762E+04
5	1.618E+04	1.649E+04	1.680E+04
6	1.544E+04	1.573E+04	1.602E+04
7	1.474E+04	1.501E+04	1.528E+04
8	1.407E+04	1.432E+04	1.457E+04
9	1.345E+04	1.368E+04	1.391E+04
10	1.285E+04	1.306E+04	1.328E+04
11	1.228E+04	1.248E+04	1.268E+04
12	1.174E+04	1.193E+04	1.211E+04
13	1.123E+04	1.140E+04	1.158E+04
14	1.074E+04	1.090E+04	1.107E+04
15	1.028E+04	1.043E+04	1.058E+04
16	9.843E+03	9.981E+03	1.012E+04
17	9.425E+03	9.553E+03	9.681E+03
18	9.028E+03	9.146E+03	9.265E+03
19	8.650E+03	8.759E+03	8.869E+03
20	8.290E+03	8.391E+03	8.493E+03
21	7.947E+03	8.041E+03	8.135E+03
22	7.621E+03	7.708E+03	7.795E+03
23	7.310E+03	7.390E+03	7.471E+03
24	7.014E+03	7.088E+03	7.162E+03
25	6.732E+03	6.800E+03	6.868E+03
26	6.458E+03	6.525E+03	6.593E+03
27	6.196E+03	6.264E+03	6.332E+03
28	5.947E+03	6.014E+03	6.082E+03
29	5.709E+03	5.776E+03	5.843E+03
30	5.482E+03	5.549E+03	5.616E+03
31	5.266E+03	5.332E+03	5.399E+03
32	5.060E+03	5.125E+03	5.191E+03
33	4.863E+03	4.928E+03	4.993E+03
34	4.675E+03	4.739E+03	4.804E+03
35	4.495E+03	4.559E+03	4.623E+03
36	4.323E+03	4.386E+03	4.450E+03
37	4.159E+03	4.221E+03	4.284E+03
38	4.003E+03	4.064E+03	4.126E+03
39	3.853E+03	3.913E+03	3.974E+03
40	3.709E+03	3.769E+03	3.829E+03

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.709E+03	3.769E+03	3.829E+03
41	3.572E+03	3.631E+03	3.690E+03
42	3.441E+03	3.499E+03	3.558E+03
43	3.316E+03	3.373E+03	3.430E+03
44	3.195E+03	3.252E+03	3.308E+03
45	3.080E+03	3.136E+03	3.192E+03
46	2.970E+03	3.024E+03	3.079E+03
47	2.864E+03	2.918E+03	2.972E+03
48	2.763E+03	2.816E+03	2.869E+03
49	2.666E+03	2.718E+03	2.770E+03
50	2.573E+03	2.624E+03	2.675E+03
51	2.484E+03	2.534E+03	2.584E+03
52	2.398E+03	2.447E+03	2.497E+03
53	2.316E+03	2.364E+03	2.413E+03
54	2.237E+03	2.284E+03	2.333E+03
55	2.161E+03	2.208E+03	2.255E+03
56	2.089E+03	2.134E+03	2.181E+03
57	2.019E+03	2.064E+03	2.109E+03
58	1.952E+03	1.996E+03	2.041E+03
59	1.887E+03	1.931E+03	1.975E+03
60	1.825E+03	1.868E+03	1.911E+03
61	1.766E+03	1.808E+03	1.850E+03
62	1.709E+03	1.750E+03	1.791E+03
63	1.654E+03	1.694E+03	1.735E+03
64	1.601E+03	1.640E+03	1.680E+03
65	1.550E+03	1.589E+03	1.628E+03
66	1.501E+03	1.539E+03	1.578E+03
67	1.454E+03	1.491E+03	1.529E+03
68	1.408E+03	1.445E+03	1.482E+03
69	1.365E+03	1.400E+03	1.437E+03
70	1.323E+03	1.358E+03	1.394E+03
71	1.282E+03	1.316E+03	1.352E+03
72	1.243E+03	1.277E+03	1.311E+03
73	1.205E+03	1.238E+03	1.272E+03
74	1.169E+03	1.201E+03	1.235E+03
75	1.134E+03	1.166E+03	1.199E+03
76	1.100E+03	1.131E+03	1.164E+03
77	1.068E+03	1.098E+03	1.130E+03
78	1.036E+03	1.066E+03	1.097E+03
79	1.006E+03	1.035E+03	1.066E+03
80	9.767E+02	1.006E+03	1.035E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	9.767E+02	1.006E+03	1.035E+03
81	9.484E+02	9.768E+02	1.006E+03
82	9.211E+02	9.490E+02	9.776E+02
83	8.948E+02	9.221E+02	9.502E+02
84	8.694E+02	8.962E+02	9.237E+02
85	8.448E+02	8.711E+02	8.982E+02
86	8.211E+02	8.469E+02	8.734E+02
87	7.982E+02	8.235E+02	8.495E+02
88	7.760E+02	8.009E+02	8.264E+02
89	7.546E+02	7.790E+02	8.041E+02
90	7.339E+02	7.578E+02	7.825E+02
91	7.139E+02	7.374E+02	7.616E+02
92	6.945E+02	7.176E+02	7.413E+02
93	6.758E+02	6.985E+02	7.217E+02
94	6.577E+02	6.799E+02	7.028E+02
95	6.402E+02	6.620E+02	6.845E+02
96	6.233E+02	6.447E+02	6.667E+02
97	6.069E+02	6.279E+02	6.495E+02
98	5.910E+02	6.116E+02	6.329E+02
99	5.757E+02	5.959E+02	6.167E+02
100	5.608E+02	5.806E+02	6.011E+02
101	5.464E+02	5.659E+02	5.860E+02
102	5.324E+02	5.516E+02	5.713E+02
103	5.189E+02	5.377E+02	5.571E+02
104	5.058E+02	5.243E+02	5.434E+02
105	4.931E+02	5.113E+02	5.300E+02
106	4.808E+02	4.986E+02	5.171E+02
107	4.689E+02	4.864E+02	5.045E+02
108	4.574E+02	4.745E+02	4.923E+02
109	4.461E+02	4.630E+02	4.805E+02
110	4.352E+02	4.518E+02	4.690E+02
111	4.247E+02	4.410E+02	4.578E+02
112	4.145E+02	4.305E+02	4.470E+02
113	4.045E+02	4.202E+02	4.365E+02
114	3.949E+02	4.103E+02	4.263E+02
115	3.855E+02	4.007E+02	4.164E+02
116	3.764E+02	3.913E+02	4.068E+02
117	3.676E+02	3.822E+02	3.974E+02
118	3.590E+02	3.734E+02	3.883E+02
119	3.507E+02	3.648E+02	3.795E+02
120	3.426E+02	3.565E+02	3.709E+02
121	3.347E+02	3.483E+02	3.625E+02
122	3.270E+02	3.405E+02	3.544E+02
123	3.196E+02	3.328E+02	3.465E+02
124	3.123E+02	3.253E+02	3.388E+02
125	3.053E+02	3.181E+02	3.313E+02